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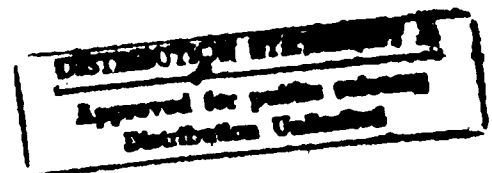


DoD

Electronic Data Interchange (EDI) Convention

ASC X12 Transaction Set 805
Contract Pricing Proposal
(Version 003030)

DL203LN24



February 1993

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DoD Electronic Data Interchange (EDI) Convention

ASC X12 Transaction Set 805
Contract Pricing Proposal
(Version 003030)

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Executive Agent for EC/EDI/PLUS
Defense Logistics Agency
Cameron Station
Alexandria, VA 22304-6100

TABLE OF CONTENTS

1.0	INTRODUCTION	1.0.1
1.1	PURPOSE OF THE CONVENTION	1.0.1
1.2	SCOPE	1.0.1
1.3	RESPONSIBLE ENTITY	1.0.1
1.4	HOW TO USE THE IMPLEMENTATION CONVENTION	1.0.2
1.4.1	Conventions, Standards, and Guidelines . .	1.0.2
1.4.2	Documentation of Conventions	1.0.3
2.0	MAINTENANCE	2.0.1
2.1	MAINTAINING CONVENTIONS	2.0.1
2.2	VERSION/RELEASE TIMING	2.0.1
3.0	DoD CONVENTIONS FOR USING ASC X12 TRANSACTION SETS	3.0.1
3.1	INTRODUCTION	3.0.1
3.2	CONTROL SEGMENTS	3.0.1
3.2.1	Description of Use	3.0.2
3.2.2	Control Segment Specifications	3.0.5
3.3	EXAMPLE OF CONVENTION USE	3.0.15
3.3.1	Sample Pricing Proposals	3.0.41
3.4	DoD CONVENTION	3.0.53
4.0	ASC X 12 FORMS	4.0.1
5.0	GLOSSARY	5.0.1
5.1	X12 GLOSSARY	5.0.1
5.2	DoD GLOSSARY	5.0.6

1.0 INTRODUCTION

This chapter explains the purpose of the convention, the scope of the guidance, and provides an explanation of how to use the convention.

1.1 PURPOSE OF THE CONVENTION

The convention provides general guidance on the implementation of American National Standards Institute (ANSI) Accredited Standards Committee (ASC) X12 electronic data interchange (EDI) standards within automated information systems (AIS) and information interchange procedures that require the collection, reporting, and/or exchange of data needed to perform defense missions.

1.2 SCOPE

The guidance is provided for two components. First, it may be used by organizational elements of the DoD community. It may also be useful to organizations external to DoD that exchange data with the DoD community in the course of their business relationships.

The DoD community encompasses the Military Services, Organizations of the Joint Chiefs of Staff, Unified and Specified Commands, Office of the Secretary of Defense, and the Defense agencies. (That community is collectively referred to as the DoD Components.)

Organizational entities external to DoD include (a) non-Government organizations, both commercial and nonprofit; (b) Federal agencies of the United States Government other than DoD; (c) local and state governments; (d) foreign national governments; and (e) international government organizations.

The draft convention published in this document is for trial use and comment. DoD Components must submit to the DoD EDI Executive Agent (EA) their data requirements that are not covered in the conventions as soon as possible, as indicated in Chapter 2.0, Section 2.1.

1.3 RESPONSIBLE ENTITY

The Defense Logistics Agency (DLA) is DoD's Executive Agent for implementing and maintaining Defense-wide programs for (a) EDI in accordance with DepSecDef memorandum of May 24, 1988, Subject: *Electronic Data Interchange of Business-Related Transactions*; and (b) Protection of Logistics Unclassified/Sensitive Systems (PLUS) in accordance with Assistant Secretary of Defense (Production and Logistics) [ASD(P&L)] memorandum of November 21, 1989, Subject: *Production and Logistics Task Group for Data Protection*. Publication of these conventions is based upon this authority. See Chapter 2.0 *Maintenance*, Section 2.1 for office point of contact.

1.4 HOW TO USE THE IMPLEMENTATION CONVENTION

The main topics and structures of this document conform to the *EDI Implementation Reference Manual Guidelines* document that was developed by a task group of the subcommittee on education and implementation of the ASC X12. The purpose of having agreed-upon topics and structure is to facilitate reference by the many industry and DoD personnel who are involved in implementing the uniform standards for electronic interchange of business transactions.

1.4.1 Conventions, Standards, and Guidelines

The terms conventions, standards, and guidelines are used throughout the document and are defined as follows:

- *Conventions* are the common practices and/or interpretations of the use of ASC X12 standards. Conventions define what is included in a specific implementation of an ASC X12 standard.
- *Standards* are the technical documentation approved by ASC X12; specifically, transaction sets, segments, data elements, code sets, and interchange control structure. Standards provide the structure for each ASC X12 document.
- *Guidelines* are instructions on the use of EDI. They provide additional information to assist in conducting EDI. Guidelines are *intended* to provide assistance and should not be your sole source of information.

1.4.1.1 Who Develops the Conventions?

Conventions result from a joint effort between business, technical, and EDI ASC X12 standards experts. The business data requirement is defined, a transaction set is selected, and the data requirement is then identified with data elements in the transaction set. A convention is usually developed before any computer EDI systems development work and serves as a design document when the development process begins.

1.4.1.2 Why Use a Convention?

To create an ASC X12 transaction, a user must know the data requirements, understand the ASC X12 standard, and be able to use that information to develop an interface program between the computer application and the ASC X12 translator. The necessary information to perform this task is contained in the convention document. Users who follow the convention will create a transaction set that all DoD users understand.

1.4.1.3 Who Needs a Convention?

System analysts and application programmers who plan to create or read ASC X12 transactions use a convention to aid in interface software design. The convention will help the programmer and analyst identify where their application data requirement should be carried in an ASC X12 transaction set.

1.4.4.4 Can I Develop a Convention?

Conventions already exist for some of the most common business practices. Copies of existing conventions can be acquired through your organization's EDI coordinator at the start of an EDI project. If you find no conventions for the business practice you are about to implement, your EDI coordinator should contact the DoD Executive Agent for EDI. See Chapter 2.0, *Maintenance*, Section 2.1 for the point of contact.

1.4.2 Documentation of Conventions

Conventions are adopted from, and are intended to be in conformance with, ANSI ASC X12 standards or ASC X12 Draft Standards for Trial Use (DSTU).

1.4.2.1 Transaction Set

Figure 1.4-1 provides an example of a transaction set table. The transaction set defines information of business or strategic significance and consists of a transaction set header segment, one or more data segments in a specified order, and a transaction set trailer segment. The actual ASC X12 standard as it appears in the official ASC X12 standards manual is presented on the right side of the page. This standard also includes both syntax notes and comments. The specific DoD usage designator is presented on the left side of the page.

The designation "N/U" appears in the left column if DoD does not use the specific segment. A page number will appear if the segment is used.

1.4.2.2 Transaction Set Segment

Figure 1.4-2 is an example of a transaction set segment.

DoD usage is specified on the left side of the page. For identifier (ID) — type data elements, acceptable code values are listed on the right side of the page under the definitions of the element.

DoD notes, reflecting how the convention is to be used appear on the right side of the page at the segment level or the data element level.

The following definitions are for use in interpreting the data element requirement designators in the DoD-specific segment directory section of the convention. For ASC X12 usage, see the definitions in *X12.6 Application Control Structure*.

- *Mandatory*
Mandatory data elements are defined by ASC X12.
- *Optional*
Optional data elements are used at the discretion of the sending party or are based upon mutual agreement between trading partners.

824 Application Advice

This standard provides the format and establishes the data contents of the Application Advice Transaction Set (824) within the context of an Electronic Data Interchange (EDI) environment. This transaction set provides the ability to report the results of an application system's data content edits of transaction sets. The results of editing transaction sets can be reported at the functional group and transaction set level, in either coded or free-form format. It is designed to accommodate the business need of reporting the acceptance, rejection or acceptance with change of any transaction set. The Application Advice should not be used in place of a transaction set designed as a specific response to another transaction set (e.g., purchase order acknowledgement sent in response to a purchase order).

Table 1

PAGE #	POS. #	SEQ. ID	NAME	REQ. DES.	MAX USE	LOOP REPEAT
2	010	ST	Transaction Set Header	M	1	
3	020	BGN	Beginning Segment	M	1	
		LOOP ID - N1				2
4	030	N1	Name	O	1	
5	040	N2	Additional Name Information	O	2	
6	050	N3	Address Information	O	2	
7	060	N4	Geographic Location	O	1	
8	070	REF	Reference Numbers	O	12	
9	080	PER	Administrative Communications Contact	O	3	

Table 2

PAGE #	POS. #	SEQ. ID	NAME	REQ. DES.	MAX USE	LOOP REPEAT
		LOOP ID - OTI				10000
10	010	OTI	Original Transaction Identification	M	1	
12	020	REF	Reference Numbers	O	12	
13	030	DTM	Date/Time Reference	O	2	
N/U	040	PER	Administrative Communications Contact	O	3	
N/U	050	AMT	Monetary Amount	O	10	
N/U	060	QTY	Quantity	O	10	
		LOOP ID - TED				10000
14	070	TED	Technical Error Description	O	1	
15	080	NTE	Note/Special Instruction	O	100	
16	090	SE	Transaction Set Trailer	M	1	

Figure 1.4-1 Example of a Transaction Set Table

824 - APPLICATION ADVICE
BGN - BEGINNING SEGMENT

ANSI ASC X12 VERSION/RELEASE 003010000

	Segment: BGN Beginning Segment				
	Level: Header				
	Loop: ____				
Mandatory	Usage: Mandatory				
	Max Use: 1				
	Purpose: To indicate the beginning of a transaction set.				
	Syntax: If BGN05 is used, BGN04 is required.				
	Comments: 1. BGN02 is the Transaction Set Reference Number.				
	2. BGN03 is the Transaction Set Date.				
	3. BGN04 is the Transaction Set Time.				
	4. BGN05 is the transaction set time qualifier.				
Data Element Summary					
	REF. CODE	DATA ELEMENT	NAME	DATA TYPE	REPEAT
Mandatory	BGN01	353	Transaction Set Purpose Code Code identifying purpose of transaction set.	M ID	2/2
			00 Original		
			01 Cancellation		
			04 Change		
			12 Not Processed		
Mandatory	BGN02	127	Reference Number Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	M AN	1/30
Mandatory	BGN03	373	Date Date (YYMMDD).	M DT	6/6
Conditional	BGN04	337	Time Time expressed in 24-hour clock time (HHMM, time range: 0000 though 2359).	C TM	4/4
Implementation Note: Use HHMM.					
Not Used	BGN05	623	Time Code	O ID	2/2

Figure 1.4-2 Example of a Transaction Set Segment

- *Required*
Required data elements are considered optional under ASC X12 rules, but are required by DoD decision.
- *Recommended*
Recommended data elements are considered optional under ASC X12 rules and by the DoD, but the industry recommends their use to facilitate EDI. Most companies in the industry are expected to use this data element.
- *Not Used*
"Not Used" data elements are those that the DoD does not use.
- *Conditional*
Conditional data elements depend on the presence of other data elements in the transaction set.

2.0 MAINTENANCE

This chapter describes the procedures for maintaining the DoD conventions. It also presents a section on version/release timing.

2.1 MAINTAINING CONVENTIONS

The DLA, as DoD's Executive Agent for EDI and PLUS, has established a joint program office to oversee implementation of EDI. Some of the functions of this program office are to maintain configuration control of related standards and common support packages (e.g., versions of ASC X12 standards and PLUS algorithms employed), participate in the standards-setting process, and ensure compliance with approved EDI standards.

To accomplish these functions, the joint program office has established a conventions and standards development and maintenance process whose objectives are: (1) to obtain ASC X12 data requirements from the DoD Components and present the requirements to the ASC X12 for consideration as ANSI standards, and (2) to develop and maintain conventions for use by DoD Components and their potential trading partners.

To take advantage of, and not duplicate, existing data standardization processes, the EA has established focal points within the ASD Offices, the Military Services, and the Defense Agencies from which EDI information is obtained and disseminated.

The EA's primary source of information about DoD's data requirements is the EDI User.

Changes to this publication and recommended changes to ANSI ASC X12 should be forwarded through your organizational point of contact for data standardization to:

EDI Standards Coordinator
ATTN: DLA-ZC
Cameron Station
Alexandria, VA 22304-6100

See Chapter 4 for reproducible ASC X12 Work Request forms.

2.2 VERSION/RELEASE TIMING

Identification of the official "version" of a standard is critical to the successful interchange of information. Each participant must be able to send and receive the same version to ensure the accuracy of the information exchanged.

The version is transmitted as a 12-character code in the Functional Group Header segment (GS) in Data Element #480, Version/Release/Industry ID. This 12-character code is used by ASC X12 as follows:

<u>Position</u>	<u>Content</u>
1-3	Version number
4-5	Release level of version
6	Subrelease
7-12	DoD/Industry or Trade Association ID

ASC X12 assigns the codes in positions 1 through 6.

A major version (1-3) will change only after an official public review cycle, leading to republication of a new American National Standard.

Release level of each new major version (4-6) will begin at "000" and incremented by 1 for each new ASC X12 approved publication cycle, usually once a year. The fifth character designates the release and the sixth character designates the subrelease.

DoD/Industry/Trade Association ID (7-12) is used to identify conventions. For this suffix, DoD will use "DoD_" with the 10th character identifying successive publications. The 11th and 12th characters may be used by the Military Departments or Defense Agencies.

DoD conventions for using ASC X12 standards are published annually. Conventions developed for each release will be maintained for 4 years. Military Services and DoD Agencies will determine which release to use on the basis of business need but will not use any release more than 4 years old without approval of the DoD EA.

3.0 DoD CONVENTIONS FOR USING ASC X12 TRANSACTION SETS

This chapter defines the DoD transaction set conventions. It includes the instructions for implementing the control structure and definitions of the usage indicators and applicable codes.

3.1 INTRODUCTION

The power of the ASC X12 standard is in its building block concept, which standardizes the essential elements of business transactions. It is analogous to a "standard bill of materials and the construction specifications," which gives the architect flexibility in what can be designed with standardized materials and procedures. The EDI system designer, like the architect, uses the ASC X12 standards to build business transactions that are often different because of their function and yet utilize the ASC X12 standards. The "bill of materials and the construction specification" of ASC X12 are the standards found in the published technical documentation.

ASC X12.3 – The *Data Element Dictionary* specifies the data elements used in the construction of the segments that comprise the transaction sets developed by ASC X12.

ASC X12.5 – The *Interchange Control Structure* provides the interchange control segment (also called an envelope) of a header and trailer for the electronic interchange through a data transmission; it also provide a structure to acknowledge the receipt and processing of the envelope.

ASC X12.6 – The *Application Control Structure* defines the basic control structures, syntax rules, and semantics of EDI.

ASC X12.22 – The *Data Segment Directory* provides the definitions and specifications of the segments used in the construction of transaction sets developed by ASC X12.

The DoD convention in Section 3.4 conform to the above standards and each transaction set is a complete document to the extent possible. For further clarification of acronyms, abbreviations, and codes, refer to ASC X12 published technical documentation. Contact the DoD EDI Executive Agent for copies or the Data Interchange Standards Association, Inc., Suite 355, 1800 Diagonal Road, Alexandria, VA 22314.

3.2 CONTROL SEGMENTS

In addition to the communication control structure, the EDI structure provides the standards user with multiple levels of control to ensure data integrity. It does so by using header and trailer control segments

designed to identify uniquely the start and end of the interchange functional groups and transaction sets. The relationship of these control segments is shown in Figure 3.2-1. Control Segment specifications are defined in Section 3.2.2.

3.2.1 Description of Use

The interchange header and trailer segments surround one or more functional groups or interchange-related control segments and perform the following functions:

- Define the data element separators and data segment terminators
- Identify the sender and receiver
- Provide control information
- Allow for authorization and security information.

The Interchange Acknowledgment Segment is used to acknowledge one interchange header and trailer envelope where the envelope surrounds one or more functional groups. (No acknowledgment is made for the interchange acknowledgment.)

The interchange control number value in the acknowledgment (TA1 segment) is the same as that for the ISA segment that is being acknowledged. The control number serves as a link between the interchange header and trailer and the acknowledgment of that header and trailer.

The interchange acknowledgment does not report any status on the functional groups contained in the interchange and is separate from the communication system's error procedures.

The preparer of the interchange header and trailer indicates the level of acknowledgment in Data Element 113, Acknowledgment Requested. If an acknowledgment is requested, then the recipient must return an acknowledgment. If not requested, none should be given.

The interchange acknowledgment control segments are placed after the interchange header and before the first functional group or before the interchange trailer if there are no functional groups.

Control segments are standard for all implementation conventions produced for the Department of Defense. Some codes associated with individual data elements within the control segments are unique to the individual transaction set. Others, identify the ANSI version and release in which the convention is written.

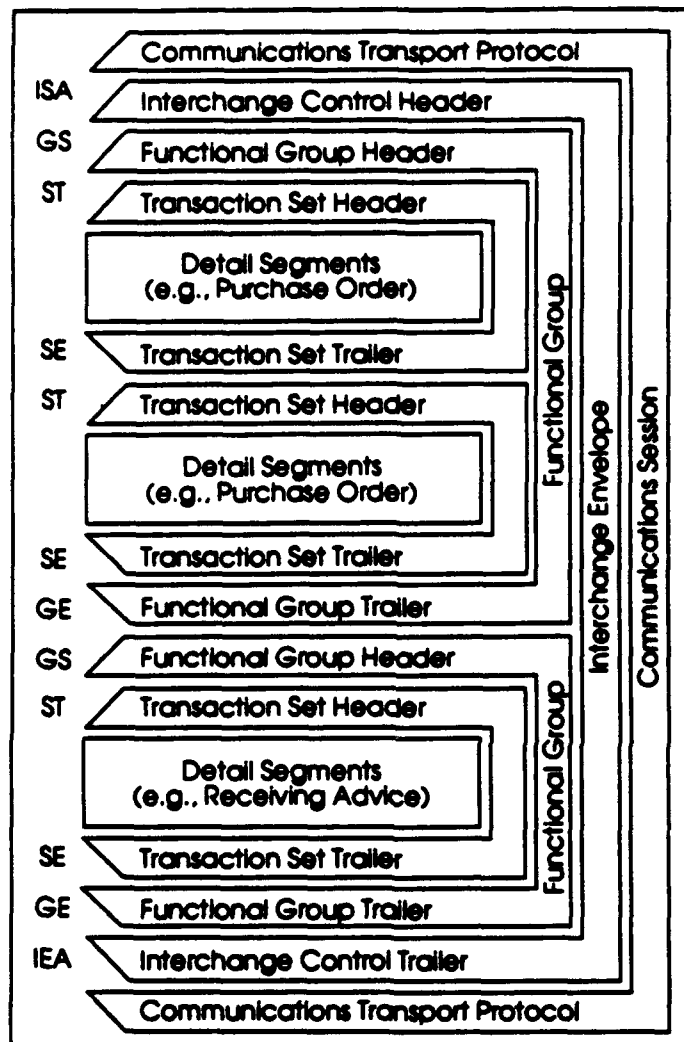


Figure 3.2-1. Hierarchical Structure

3.2.2 Control Segment Specifications

001 - CONTROL SEGMENTS
ISA - INTERCHANGE CONTROL HEADER

805 CONTRACT PRICING PROPOSAL
ANSI ASC X12 VERSION/RELEASE 003030DOD

Segment: ISA Interchange Control Header

Purpose: To start and identify an interchange of one or more functional groups and interchange-related control segments.

Data Element Summary

	REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
Mandatory	ISA01	I01	Authorization Information Qualifier Code to identify the type of information in the Authorization Information. 00 No Authorization Information Present (No Meaningful Information in I02)	M ID 2/2
Mandatory	ISA02	I02	Authorization Information Information used for additional identification or authorization of the sender or the data in the interchange. The type of information is set by the Authorization Information Qualifier.	M AN 10/10
			Implementation Note: <i>If no authorization information is agreed to by trading partners, fill field with blanks.</i>	
Mandatory	ISA03	I03	Security Information Qualifier Code to identify the type of information in the Security Information. 01 Password	M ID 2/2
Mandatory	ISA04	I04	Security Information This is used for identifying the security information about the sender or the data in the interchange. The type of information is set by the Security Information Qualifier.	M AN 10/10
			Implementation Note: <i>An agreed upon password. If no security information is agreed to by trading partners, fill field with blanks.</i>	
Mandatory	ISA05	I05	Interchange ID Qualifier Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified. ZZ Mutually Defined	M ID 2/2
			Code Value Implementation Note: <i>An agreed upon designation of DoD Activity Address Code (DoDAAC) or other code coordinated with the value-added network (VAN).</i>	
Mandatory	ISA06	I06	Interchange Sender ID Identification code published by the sender for other parties to use as the receiver ID to route data to them. The sender always codes this number in the sender ID element.	M ID 15/15
			Implementation Note: <i>DoD activities use Department of Defense Activity Address Code (DoDAAC) or other code coordinated with the value-added network (VAN). Non-DoD activities use identification code qualified by ISA05 and coordinated with the VAN.</i>	
Mandatory	ISA07	I05	Interchange ID Qualifier Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified. ZZ Mutually Defined	M ID 2/2

DEPARTMENT OF DEFENSE
DRAFT IMPLEMENTATION CONVENTION

805 CONTRACT PRICING PROPOSAL
ANSI ASC X12 VERSION/RELEASE 003030DOD__

001 - CONTROL SEGMENTS
ISA - INTERCHANGE CONTROL HEADER

		Code Value Implementation Note: An agreed upon designation of DoD Activity Address Code (DoDAAC) or other code coordinated with the value-added network (VAN).		
Mandatory	ISA08 I07	Interchange Receiver ID	M ID 15/15	Identification code published by the receiver of the data. When sending, it is used by the sender as their sending ID, thus other parties sending to them will use this as a receiving ID to route data to them.
		Implementation Note: DoD activities use Department of Defense Activity Address Code (DoDAAC) or other code coordinated with the value-added network (VAN). Non-DoD activities use identification code qualified by ISA05 and coordinated with the VAN.		
Mandatory	ISA09 I08	Interchange Date	M DT 6/6	Date of the interchange.
		Implementation Note: Assigned by translation software. YYMMDD		
Mandatory	ISA10 I09	Interchange Time	M TM 4/4	Time of the interchange.
		Implementation Note: Assigned by translation software. HHMM		
Mandatory	ISA11 I10	Interchange Control Standards Identifier	M ID 1/1	Code to identify the agency responsible for the control standard used by the message that is enclosed by the interchange header and trailer.
		U U.S. EDI Community of ASC X12, TDCC, and UCS		
Mandatory	ISA12 I11	Interchange Control Version Number	M ID 5/5	This version number covers the interchange control segments and the functional group control segments.
		00303 Draft Standard for Trial Use Approved for Publication by ASC X12 Procedures Review Board Through October 1992		
		Code Value Implementation Note: Version ID as defined or agreed upon by the trading partners.		
Mandatory	ISA13 I12	Interchange Control Number	M NO 9/9	This number uniquely identifies the interchange data to the sender. It is assigned by the sender. Together with the sender ID it uniquely identifies the interchange data to the receiver. It is suggested that the sender, receiver, and all third parties be able to maintain an audit trail of interchanges using this number.
Mandatory	ISA14 I13	Acknowledgment Requested	M ID 1/1	Code sent by the sender to request an interchange acknowledgment.
		0 No Acknowledgment Requested		
		1 Interchange Acknowledgment Requested		
Mandatory	ISA15 I14	Test Indicator	M ID 1/1	Code to indicate whether data enclosed by this interchange envelope is test or production.
		P Production Data		
		T Test Data		

001 - CONTROL SEGMENTS
ISA - INTERCHANGE CONTROL HEADER

805 CONTRACT PRICING PROPOSAL
ANSI ASC X12 VERSION/RELEASE 003030DOD

Code Value Implementation Note:
Assigned by translation software.

Mandatory

ISA16 I15 Subelement Separator M AN 1/1
This is a field reserved for future expansion in separating data element
subgroups. (In the interest of a migration to international standards, this should
be different from the data element separator).

Implementation Note:
Use character "<".

Segment: GS Functional Group Header

Purpose: To indicate the beginning of a functional group and to provide control information

Syntax: The data interchange control number (GS06) in this header must be identical to the same data element in the associated Functional Group Trailer (GE02).

Comment: A functional group of related transaction sets, within the scope of X12 standards, consists of a collection of similar transaction sets enclosed by a functional group header and a functional group trailer.

Data Element Summary

	REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
Mandatory	GS01	479	Functional Identifier Code Code identifying a group of application related Transaction Sets.	M ID 2/2
	Implementation Note: Choose the code value appropriate to the information content of the functional group. See X12 Dictionary for source code list. CP Contract Pricing Proposal (805)			
Mandatory	GS02	142	Application Sender's Code Code identifying party sending transmission. Codes agreed to by trading partners.	M AN 2/15
	Implementation Note: DoD activities use Department of Defense Activity Address Code (DoDAAC). Non-DoD activities use identification code assigned by DoD activity. Recommend for increased security that non-DoD code differ from that used in ISA06.			
Mandatory	GS03	124	Application Receiver's Code Code identifying party receiving transmission. Codes agreed to by trading partners.	M AN 2/15
	Implementation Note: DoD activities use Department of Defense Activity Address Code (DoDAAC). Non-DoD activities use identification code assigned by DoD activity. Recommend for increased security that non-DoD code differ from that used in ISA08.			
Mandatory	GS04	373	Date Date sender generated a transaction set.	M DT 6/6
Mandatory	GS05	337	Time Time expressed in 24-hour clock time.	M TM 4/6
Mandatory	GS06	28	Group Control Number Assigned number originated and maintained by the sender.	M NO 1/9
	Implementation Note: Assigned by translation software.			
Mandatory	GS07	455	Responsible Agency Code Code used in conjunction with Data Element 480 to identify the issuer of the standard.	M ID 1/2
	X Accredited Standards Committee X12			

DEPARTMENT OF DEFENSE
DRAFT IMPLEMENTATION CONVENTION

001 - CONTROL SEGMENTS
GS - FUNCTIONAL GROUP HEADER

805 CONTRACT PRICING PROPOSAL
ANSI ASC X12 VERSION/RELEASE 003030DOD

Code Value Implementation Note:

Indicates that an ANSI X12 standard is being transmitted.

Mandatory

GS08 480 Version/Release/Industry ID Code M ID 1/12
Code indicating the version, release, subrelease and industry identifier of the EDI standard being used. Positions 1-3, version number; positions 4-6, release and subrelease level of version; positions 7-12, industry or trade association identifier (optionally assigned by user).

003030 Draft Standards Approved by ASC X12 Through October 1992.

Code Value Implementation Note:

Code value agreed to by trading partners. See X12 Dictionary for source code list.

Segment: GE Functional Group Trailer

Purpose: To indicate the end of a functional group and to provide control information

Syntax: The data interchange control number (GE02) in this trailer must be identical to the same data element in the associated Functional Group Header (GS06).

Comment: The use of identical data interchange control numbers in the associated functional group header and trailer is designed to maximize functional group integrity. The control number is the same as that used in the corresponding header.

Data Element Summary

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
Mandatory	GE01 97	Number of Transaction Sets Included	M NO 1/6
		Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element.	

Implementation Note:

Assigned by translation software.

Mandatory	GE02 28	Group Control Number	M NO 1/9
		Assigned number originated and maintained by the sender.	

Implementation Note:

Assigned by the translation software. This control number must match the control number of the preceding GS06 control number.

001 - CONTROL SEGMENTS
IEA - INTERCHANGE CONTROL TRAILER

805 CONTRACT PRICING PROPOSAL
ANSI ASC X12 VERSION/RELEASE 003030DOD

Segment: IEA Interchange Control Trailer

Purpose: To define the end of an interchange of one or more functional groups and interchange-related control segments.

Data Element Summary

REP. DES.	DATA ELEMENT	NAME	ATTRIBUTES
Mandatory	IEA01	I16	Number of Included Functional Groups
			M NO 1/5
		A count of the number of functional groups included in a transmission.	

Implementation Note:

Assigned by translation software.

Mandatory	IEA02	I12	Interchange Control Number
			M NO 9/9
		This number uniquely identifies the interchange data to the sender. It is assigned by the sender. Together with the sender ID it uniquely identifies the interchange data to the receiver. It is suggested that the sender, receiver, and all third parties be able to maintain an audit trail of interchanges using this number.	

Implementation Note:

Assigned by the translation software. This number must match the number that occurs in ISA13.

DEPARTMENT OF DEFENSE
DRAFT IMPLEMENTATION CONVENTION

805 CONTRACT PRICING PROPOSAL
ANSI ASC X12 VERSION/RELEASE 003030DOD_

001 • CONTROL SEGMENTS
IEA • INTERCHANGE CONTROL TRAILER

3.3 EXAMPLE OF CONVENTION USE

EXAMPLE - CONTRACT PRICING PROPOSAL TRANSACTION SET (805)

ASC X12 EDI FORMAT

DEFINITION

ST*805*ABC0001 n/i

This is an 805 Contract Pricing Proposal Transaction Set with a transaction set control number of ABC0001.

BCP*00*KS*DAAZ9993S0001*930101*KB*FR*
920805*1200*P00002 n/i

An original transaction (use code 00); solicitation qualifie (use code KS) for solicitation number DAAZ9993S0001. Proposer's fiscal year commences on January 1, 1993. Proposal is in response to a contract change order (use qualifier code KB). The proposal will result in an award o a firm fixed-price contract (use code FR). The transaction was created and certified on August 5, 1992 at 12 noon. The proposal is in response to change order number P00002.

SPI*90*39*01*****02****AA n/i
(Data maintenance action has been submitted to add SPI13 [data element 1412] to this transaction set.

The proposal is Government Non-Classified (use code 90) The proposal number (use code 39) is 01. The company's security level for this proposal is company confidential (use code 02). The Current Cost and Pricing Data for this proposal is certified (use code AA).

REF*TN*PPR0001 n/i
(Data maintenance action has been submitted to add this segment to the transaction set at this position)

The unique transaction set control number (use code TN) to which this Contract Pricing Proposal is related is PPR0001.

N1*KD**33*1B712 n/i

The proposing company (use code KD) has a CAGE code (use code 33) of 1B712.

DTM*193*930101 n/i

The start of the performance period (use code 193) for a contract resulting from this proposal will be January 1, 1993.

DTM*194*941231 n/i

The end of the performance period (use code 194) will be December 30, 1994.

G61*IC*HILLARY CARTER*TE*9448346873*
COMPTROLLER n/i

The company's information point of contact is their Comptroller, Hillary Carter whose telephone number is (944)-834-6873.

N1*C4**10*DCA123 n/i

The government office responsible for administering contracts (use code C4) at the proposer's facility has a DoDAAC (use code 10) of DCA123.

N1*KF**10*DAA456 n/i

The government office responsible for auditing contracts (use code KF) at the proposer's facility has a DoDAAC (use code 10) of DAA456.

CBS*0001*1*LO n/I

Indicates that contract line item number (CLIN) 0001 is being proposed as one (1) lot.

JIL*IN*0001*611130.00*L4*1.1 n/I

The contract line item number (use code IN) is 0001. It is being proposed in the amount of \$611,130.00 for the lot. Additional information about this part of the proposed price can be found in the proposal (use code L4) at paragraph 1.1.

LIN**SV*DESIGN n/I

Indicates that the contract line item being proposed is a service (use code SV) called design.

CBS*0002*100*EA n/I

Indicates that contract line item number 0002 is being proposed in a quantity of 100 each.

JIL*IN*0002*369781.00*L4*1.2 n/I

The contract line item number (use code IN) is 0002. It is being proposed in the amount of \$369,781.00 for a total of 100 units. Additional information about this part of the proposed price can be found in the proposal (use code L4) at paragraph 1.2.

LIN**SV*WIDGET PRODUCTION n/I

Indicates the contract line item being proposed is a service (use code SV) called widget production.

CBS*0002AA*50*EA n/I

Indicates that contract sub-line item number 0002AA is being proposed in a quantity of 50 each.

JIL*EL*0002AA*184890.50*L4*1.2 n/I

The Contract Sub Line Item number (use code EL) is 0002AA. It is being proposed in the amount of \$184,890.50 for a quantity of 50 items. Additional information about this part of the proposed price (use code L4) can be found in the proposal at paragraph 1.2.

LIN**SV*WIDGET PRODUCTION*VP*XYZ n/I

Indicates that the sub-line item being proposed is for a service (use code SV) called widget production with a vendor part number (use code VP) of XYZ.

MSG*WIDGET WITH BLUE RACING STRIPES
PER MILITARY SPECIFICATION n/I

Proposer indicates that the item is a widget with blue racing stripes to be manufactured in accordance with a military specification.

CBS*0002AB*50*EA n/I

Indicates that contract sub-line item number 0002AB is being proposed in a quantity of 50 each.

JIL*EL*0002AB*184890.50*L4*1.2 n/I

The Contract Sub Line Item number (use code EL) is 0002AB. It is being proposed in the amount of \$184890.50 for a quantity of 50 items. Additional information about this part of the proposed price (use code L4) can be found in the proposal at paragraph 1.2.

LIN**SV*WIDGET PRODUCTION*VP*XXZ n/	Indicates that the sub-line item being proposed is for a service (use code SV) called widget production with a vendor part number (use code VP) of XXZ.
MSG*WIDGET WITH RED RACING STRIPES PER NASA SPECIFICATIONS n/	Proposer indicates that the item is a widget with red racing stripes to be manufactured in accordance with NASA specifications.
CBS*0003*1*LO n/	Indicates that contract line item number 0003 is being proposed as one (1) lot.
JL*IN*0003*0*L4*1.3 n/	The contract line item number (use code IN) is 0003. It is being proposed without an additional monetary amount (use the number "0"). Additional information about this part of the proposed price can be found in the proposal (use code L4) at paragraph 1.3.
LIN**SV*DATA n/	Indicates that the line item being proposed is a service (use code SV) called data.
MSG*NOT SEPARATELY PRICED n/	Proposer indicates that the line item called data has not been separately priced in the proposal.
CB1*01 n/	Proposer indicates that government furnished property (GFP) (use code 01) will be required in the performance of the resulting contract.
MSG*ONE (1) XYZ WIDGET COMPANY WIDGET STAMPING MACHINE n/	Proposer indicates that the specific piece of GFP needed to perform the contract is an XYZ Widget Company widget stamping machine.
N9*NS*1234005678901 n/	The required piece of GFP has a national stock number (use code NS) of 1234-00-567-8901.
N9*PL*89XZ n/	Reference to the machine can be found in the manufacturer's price list (use code PL) number 89XZ.
N9*P9*10 n/	Specifically, the reference to the machine can be found in the price list on page number (use code P9) ten.
CB1*03*P n/	The proposer indicates that contract financing (use code 03) in the form of progress payments (use code P) will be required.
CB1*05 n/	Indicates that the company has previously been awarded a contract for the same or similar item (use code 05).
MSG*WIDGETS WITH BLUE RACING STRIPES PER ARMY SPECIFICATIONS n/	The proposer indicates the company has manufactured widgets with blue racing stripes per Army specifications in the past.

N9*CT*89-0001 n/I	The widgets were previously manufactured in accordance with an Army specification under contract (use code CT) 89-0001.
N9*NS*1234005678901 n/I	The national stock number (use code NS) of the widgets previously produced under contract 89-0001 was 1234005678901.
N9*CT*89-1234 n/I	The widgets were also previously manufactured in accordance with an Army specification under contract (use code CT) 89-1234.
N9*NS*1234005678901 n/I	The national stock number (use code NS) of the widgets previously produced under contract 89-1234 was 1234005678901.
N9*CT*89-2468 n/I	The widgets were also previously manufactured in accordance with an Army specification under contract (use code CT) 89-2468.
N9*PM*XYZ n/I	The part number (use code PM) of the widgets previously produced under contract 89-2468 was XYZ.
N1*KB*WIDGET FABRICATORS, INC. n/I	The widgets were made for a company (use code KB) named Widget Fabricators, Inc.
N3*30 LINCOLN STREET n/I	Widget Fabricator's, Inc. address is 30 Lincoln Street.
N4*WASHINGTON*DC*98765 n/I	Widget Fabricator's Inc. are located in Washington, DC, zip code 98765.
CB1*05 n/I	Another indication that the company has previously been awarded a contract for the same or similar item (use code 05).
MSG*WIDGETS PER NASA SPECIFICATIONS n/I	The proposer indicates the company has manufactured widgets per NASA specifications in the past.
N9*CT*90A1B2C3 n/I	The widgets were previously manufactured in accordance with a NASA specification under contract (use code CT) 90A1B2C3.
N9*PM*XXZ n/I	The part number (use code PM) of the widgets previously produced under contract 90A1B2C3 was XXZ.
N9*CT*89X10420 n/I	The widgets were also previously manufactured in accordance with a NASA specification under contract (use code CT) 89X10420.
N9*PM*XXZ n/I	The part number (use code PM) of the widgets previously produced under contract 89X10420 was XXZ.

N1*KB*GADGET FABRICATORS, INC. n/	The widgets were made for a company (use code KB) named Gadget Fabricators, Inc.
N3*40 JEFFERSON COURT n/	Gadget Fabricator's, Inc. address is 40 Jefferson Court.
N4*CYPRUS*CA*98766 n/	Gadget Fabricator's Inc. are located in Cyprus, California, zip code 98766.
CB1*07 n/	The proposer indicates that the proposal is consistent with established practices, principles, and practices (use code 07)
CB1*10 n/	The proposer indicates that the proposal is not subject to Cost Accounting Standards Board (CASB) procedures (use code 10).
MSG* SMALL BUSINESS n/	The reason the proposal is not subject to CASB procedure is because the company is a small business.
CB1*13 n/	The proposer indicates that a CASB disclosure statement has not been submitted (use code 13).
CB1*15 n/	The proposer indicates that the company has not been notified of an actual or potential CAS noncompliance (use code 15).
CB1*16 n/	The proposer indicates that the proposal is consistent with disclosed practices or standards (use code 16).
PL*1*DO*MS*E*MAJOR SUBCONTRACTORS*1 n/	This is the first iteration of the PL segment (identified by the number "1" which will increase progressively with each new iteration of the PL segment). The cost of Major Subcontractor Parts (MS) in dollars (DO) is a direct input and appears first on the cost summary (identified by the number "1" in the last position).
PL*2*DO*MS*F n/	End of formula (F) for direct cost input of Major Subcontractor Parts.
PL*3*DO*PP*E*PURCHASED PARTS*2 n/	The cost of Purchased Parts (PP) in dollars (DO) is a direct input and appears second on the cost summary (identified by the number "2").
PL*4*DO*PP*F n/	End of formula (F) for direct cost input of Purchased Parts.
PL*5*DO>IDWA*E*INTER DIVISION*3 n/	The cost of Inter-Division Parts (IDWA) in dollars (DO) is a direct input and appears third on the cost summary (identified by the number "3").
PL*6*DO>IDWA*F n/	End of formula (F) for direct cost input of Inter Division Parts.

PL*7*DO*TDM*E *TOTAL DIRECT MATERIAL*
4 n/I

Total Direct Material Dollars appear fourth on the cost summary (identified by the number "4"). Formula to calculate: $TDM = SP + PP + IDWA$. Formula read as: Total Direct Material (TDM) in dollars (DO) equals (E)

PL*8*DO*MS*A n/I

The direct input cost of Major Subcontractor Parts (MS) in dollars (DO), plus (A)

PL*9*DO*PP*A n/I

The direct input cost of Purchased Parts (PP) in dollars (DO), plus (A)

PL*10*DO*IDWA*F n/I

The direct input cost of Inter-Division Parts (IDWA) in dollars (DO). End of formula (F).

PL*11*DO*MOH*E*MATERIAL OVERHEAD*5
n/I

Material overhead appears fifth on the cost summary (identified by the number "5"). Formula to calculate: $MOH = TDM \times MOHR$. Formula read as: Material Overhead (MOH) in dollars (DO) equals (E)

PL*12*DO*TDM*M n/I

Total Direct Material (TDM) in dollars (DO) multiplied by (M)

PL*13*P1*MOHR*F*MATERIAL OVERHEAD
RATE n/I

Material Overhead Rate (MOHR) expressed as a percent (P1). End of formula (F).

PL*14*DO*E1D*E*ENGINEERING ONE LABOR
DOLLARS n/I

Formula to calculate: $E1D = E1H \times E1R$. Formula reads as: Engineering 1 Labor Dollars (E1D) expressed in dollars (DO) equals (E)

PL*15*HR*E1H*M n/I

Engineering 1 Hours (E1H) expressed as hours (HR) multiplied by (M)

PL*16*A8*E1R*F*ENGINEERING ONE LABOR
RATE n/I

Engineering 1 Labor Rate (E1R) expressed as dollars per hour (A8). End of formula (F).

PL*17*DO*E2H*E*ENGINEERING TWO LABOR
DOLLARS n/I

Formula to calculate: $E2D = E2H \times E2R$. Formula reads as: Engineering 2 Labor Dollars (E2D) expressed in dollars (DO) equals (E)

PL*18*HR*E2H*M n/I

Engineering 2 Hours (E2H) expressed as hours (HR) multiplied by (M)

PL*19*A8*E2R*F*ENGINEERING TWO LABOR
RATE n/I

Engineering 2 Labor Rate (E2R) expressed as dollars per hour (A8). End of formula (F).

PL*20*DO*ELD*E*ENGINEERING LABOR
DOLLARS*6 n/I

Total Engineering Labor Dollars appear sixth on the cost summary (identified by the number "6"). Formula to calculate: $ELD = E1D + E2D$. Formula reads as: Engineering Labor Dollars (ELD) expressed in dollars (DO) equals (E)

PL*21*DO*E1D*A n/I

Engineering 1 dollars (E1D) expressed as dollars (DO) plus (A)

PL*22*DO*E2D*F n/	Engineering 2 dollars (E2D) expressed as dollars (DO). End of formula (F).
PL*23*DO*M1D*E*MANUFACTURING ONE LABOR DOLLARS n/	Formula to calculate: $M1D = M1H \times M1R$. Formula reads as: Manufacturing 1 Labor Dollars (M1D) expressed in dollars (DO) equals (E)
PL*24*HR*M1H*M n/	Manufacturing 1 Hours (M1H) expressed as hours (HR) multiplied by (M)
PL*25*A\$*M1R*F*MANUFACTURING ONE LABOR RATE n/	Manufacturing 1 Labor Rate (M1R) expressed as dollars per hour (A\$). End of formula (F).
PL*26*DO*M2D*E*MANUFACTURING TWO LABOR DOLLARS n/	Formula to calculate: $M2D = M2H \times M2R$. Formula reads as: Manufacturing 2 Labor Dollars (M2D) expressed in dollars (DO) equals (E)
PL*27*HR*M2H*M n/	Manufacturing 2 Hours (M2H) expressed as hours (HR) multiplied by (M)
PL*28*A\$*M2R*F*MANUFACTURING TWO LABOR RATE n/	Manufacturing 2 Labor Rate (M2R) expressed as dollars per hour (A\$). End of formula (F).
PL*29*DO*MLD*E*MANUFACTURING LABOR DOLLARS*6 n/	Total Manufacturing Labor Dollars appears seventh on the cost summary (identified by the number "7"). Formula to calculate: $MLD = M1D + M2D$. Formula reads as: Manufacturing Labor Dollars (MLD) expressed in dollars (DO) equals (E)
PL*30*DO*M1D*A n/	Manufacturing 1 Dollars (M1D) expressed as dollars (DO) plus (A)
PL*31*DO*M2D*F n/	Manufacturing 2 Dollars (M2D) expressed as dollars (DO). End of formula (F).
PL*32*DO*TDLD*E*TOTAL DIRECT LABOR DOLLARS*8 n/	Total Direct Labor Dollars appear eighth on the cost summary (identified by the number "8"). Formula to calculate: $TDLD = ELD + MLD$. Formula read as: Total Direct Labor Dollars (TDLD) expressed as dollars (DO) equals (E)
PL*33*DO*ELD*A n/	Engineering Labor Dollars (ELD) expressed as dollars (DO) plus (A)
PL*34*DO*MLD*F n/	Manufacturing Labor Dollars (MLD) expressed as dollars (DO). End of formula (F).
PL*35*DO*ELOH*E*ENGINEERING LABOR OVERHEAD*9 n/	Engineering Labor Overhead appears ninth on the cost summary (identified by the number "9"). Formula to calculate: $ELOH = ELD \times ELOHR$. Formula read as: Engineering Labor Overhead (ELOH) expressed in dollars (DO) equals (E)

PL*36*DO*ELD*M n/I	Engineering Labor Dollars (ELD) expressed as dollars (DO) multiplied by (M)
PL*37*P1*ELOHR*F n/I	Engineering Labor Overhead Rate (ELOHR) expressed as a percent (P1). End of formula (F).
PL*38*DO*MLOH*E*MANUFACTURING LABOR OVERHEAD*10 n/I	Manufacturing Labor Overhead appears tenth on the cost summary (identified by the number "10"). Formula to calculate: $MLOH = MLD \times MLOHR$. Formula read as: Manufacturing Labor Overhead (MLOH) expressed in dollars (DO) equals (E)
PL*39*DO*MLD*M n/I	Manufacturing Labor Dollars (MLD) expressed as dollars (DO) multiplied by (M)
PL*40*P1*MLOHR*F MANUFACTURING LABOR OVERHEAD RATE n/I	Manufacturing Labor Overhead Rate (MLOHR) expressed as a percent (P1). End of formula (F).
PL*41*DO*TLOH*E*TOTAL LABOR OVERHEAD*11 n/I	Total Labor Overhead appears eleventh on the cost summary (identified by the number "11"). Formula to calculate: $TLOH = ELOH + MLOH$. Formula read as: Total Labor Overhead (TLOH) expressed as dollars (DO) equals (E)
PL*42*DO*ELOH*A n/I	Engineering Labor Overhead (ELOH) expressed as dollars (DO) plus (A)
PL*43*DO*MLOH*F n/I	Manufacturing Labor Overhead (MLOH) expressed as dollars (DO). End of formula (F).
PL*44*DO*TL&OH*E*TOTAL LABOR AND OVERHEAD*12 n/I	Total Labor and Overhead appears twelfth on the cost summary (identified by the number "12"). Formula to calculate: $TL\&OH = TDLD + TLOH$. Formula reads as: Total Labor and Overhead (TL&OH) expressed as dollars (DO) equals (E)
PL*45*DO*TDLD*A n/I	Total Direct Labor Dollars (TDLD) expressed as dollars (DO) plus (A)
PL*46*DO*TLOH*F n/I	Total Labor Overhead (TLOH) expressed as dollars (DO). End of formula (F).
PL*47*DO*CS*E*COMPUTER SERVICES*13 n/I	Computer Services cost appears thirteenth on the cost summary (identified by the number "13"). Formula to calculate: $CS = ELD \times CSR$. Formula reads as: Computer Services cost (CS) expressed as dollars (DO) equals (E)
PL*48*DO*ELD*M n/I	Engineering Labor dollars (ELD) expressed as dollars (DO) multiplied by (M)
PL*49*P1*CSR*F*COMPUTER SERVICES RATE n/I	Computer Services Rate (CSR) expressed as a percent (P1). End of formula (F).

PL*50*DO*GS*E*GRAPHIC SERVICES*14 n/I	The cost of Graphic Services (GS) expressed in dollars (DO) is a direct input and appears fourteenth on the cost summary (identified by the number "14").
PL*51*DO*GS*F n/I	End of formula (F) for direct input of cost of Graphic Services.
PL*52*DO*TVL*E*TRAVEL*15 n/I	The cost of travel (TVL) expressed in dollars (DO) is a direct input and appears fifteenth on the cost summary (identified by the number "15").
PL*53*DO*TVL*F n/I	End of formula (F) for direct input cost of travel.
PL*54*DO*TODC*E*TOTAL OTHER DIRECT COST*16 n/I	Total Other Direct Costs appear sixteenth on the cost summary (identified by the number "16"). Formula to calculate: $TODC = CS + GS + TVL$. Formula read as: Total Other Direct Cost (TODC) expressed as dollars (DO) equals (E)
PL*55*DO*CS*A n/I	Computer Services (CS) expressed as dollars (DO) plus (A)
PL*56*DO*GS*A n/I	The direct input cost of Graphic Services (GS) expressed as dollars (DO) plus (A)
PL*57*DO*TVL*F n/I	The direct input cost of travel (TVL) expressed as dollars (DO). End of formula (F).
PL*58*DO*SUBTOT*E*SUBTOTAL 17 n/I	Subtotal dollars appear seventeenth on the cost summary (identified by the number "17"). Formula to calculate: $SUBTOT = TMD + MOH + TL\&OH + TODC$. Formula read as: Subtotal (SUBTOT) expressed in dollars (DO) equals (E)
PL*59*DO*TDM*A n/I	Total Direct Material (TDM) expressed as dollars (DO) plus (A)
PL*60*DO*MOH*A n/I	Material Overhead (MOH) expressed as dollars (DO) plus (A)
PL*61*DO*TL&OH*A n/I	Total Labor and Overhead (TL&OH) expressed as dollars (DO) plus (A)
PL*62*DO*TODC*F n/I	Total Other direct Cost (TODC) expressed as dollars. End of formula (F).
PL*63*DO*GA*E*GEN AND ADMIN*18 n/I	Gen and Admin costs appear eighteenth on the cost summary (identified by the number "18"). Formula to calculate: $GA = SUBTOT \times GAR$. Formula read as: Gen and Admin cost (GA) expressed as dollars (DO) equals (E)
PL*64*DO*SUBTOT*M n/I	Subtotal dollars (SUBTOT) expressed as dollars (DO) multiplied by (M)

PL*65*P1*GAR*F*GEN AND ADMIN RATE n/	Gen and Admin Rate (GAR) expressed as a percent (P1). End of formula (F).
PL*66*DO*TC*E*TOTAL COST*19 n/	Total cost appears nineteenth on the cost summary (identified by the number "19"). Formula to calculate: $TC = SUBTOT + GA$. Formula read as: Total Cost (TC) expressed as dollars (DO) equals (E)
PL*67*DO*SUBTOT*A n/	Subtotal (SUBTOT) expressed as dollars (DO) plus (A)
PL*68*DO*GAR*F n/	Gen and Admin cost (GA) expressed as dollars. End of formula (F).
PL*69*DO*COM*E*COST OF MONEY *20 n/	Cost of Money appears twentieth on the cost summary (identified by the number "20"). Formula to calculate: $COM = TC \times COMR$. Formula read as: Cost of Money (COM) expressed as dollars (DO) equals (E)
PL*70*DO*TC*M n/	Total cost (TC) expressed as dollars (DO) multiplied by (M)
PL*71*P1*COMR*F*COST OF MONEY FACTOR n/	Cost of Money Factor (COMR) expressed as a percent (P1). End of formula (F).
PL*72*DO*PROFIT*E*PROFIT/FEE*21 n/	Profit/Fee appears twenty-first on the cost summary (identified by the number "21"). Formula to calculate: $PROFIT = TC \times PR$. Formula read as: Profit/Fee (PROFIT) expressed as dollars (DO) equals (E)
PL*73*DO*TC*M n/	Total Cost (TC) expressed as dollars (DO) multiplied by (M)
PL*74*P1*PR*F*PROFIT RATE n/	Profit Rate (PR) expressed as a percent (P1). End of formula (F).
PL*75*DO*TP*E*TOTAL PRICE*22 n/	Total Price appears twenty-second on the cost summary (identified by the number "22"). Formula to calculate: $TP = TC + COM + PROFIT$. Formula is read as: Total Price (TP) expressed as dollars (DO) equals (E)
PL*76*DO*TC*A n/	Total Cost (TC) expressed as dollars (DO) plus (A)
PL*77*DO*COM*A n/	Cost of Money (COM) expressed as dollars (DO) plus (A)
PL*78*DO*PROFIT*F n/	Profit/Fee (PROFIT) expressed as dollars (DO). End of formula (F).
HL*1*I*0 n/	This is the first iteration of the HL segment (identified by the number 1). Each subsequent iteration will carry a progressively higher number). The data is for a Contract Line Item Number (CLIN) (use code I) with no further subdivisions (use code 0).

REF*C7*0001*DESIGN n/I	Data is for CLIN (use code C7) 0001, description is "DESIGN".
HL*2**I*1 n/I	Indicates the data is for a CLIN (use code I) with further subdivisions (use code 1).
REF*C7*0002*PRODUCTION n/I	The data is for CLIN (use code C7) 0002, description is "PRODUCTION".
HL*3*2*SC*0 n/I	Data is subordinate to the data identified in the second iteration of the HL segment (identified by the number "2"). Data is for a SUBCLIN (use code SC) with no further subdivisions (use code 0).
REF*DX*0002AA*PRODUCTION - XYZ n/I	Data is for SUBCLIN (use code DX) 0002AA, description is "PRODUCTION - XYZ".
HL*4*2*SC*0 n/I	Data is subordinate to the data identified in the second iteration of the HL segment (identified by the number "2"). Data is for a SUBCLIN (use code SC) with no further subdivisions (use code 0).
REF*DX*0002AB*PRODUCTION - XXZ n/I	Data is for SUBCLIN (use code DX) 0002AB, description is "PRODUCTION - XXZ".
HL*5**I*0 n/I	Indicates the data is for a CLIN (use code I) with no further subdivisions (use code 0).
REF*C7*0003*DATA n/I	Data is for CLIN (use code C7) 0003 description is "DATA".
HL*6**WB*1 n/I	Data is for a Work Breakdown Structure (use code WB) with further lower level elements (use code 1).
REF*74*0.0*TOTAL PROPOSAL n/I	Indicates WBS number (use code 74) 0.0, description is "TOTAL PROPOSAL".
HL*7*6*WB*1 n/I	Data is subordinate to the data in the sixth iteration of the HL segment (identified by the number 6). Data is for a Work Breakdown Structure (use code WB) with lower level elements (use code 1).
REF*74*1.0*RECURRING n/I	Indicates WBS number (use code 74) 1.0, description is "RECURRING".
HL*8*7*WB*0 n/I	Data is subordinate to the data in the seventh iteration of the HL segment (identified by the number 7). Data is for a Work Breakdown Structure (use code WB) with no lower level elements (use code 0).
REF*74*1.1*FABRICATION n/I	Indicates WBS number (use code 74) 1.1, description is "FABRICATION".

HL*9*7*WB*0 n/	Data is subordinate to the data in the seventh iteration of the HL segment (identified by the number 7). Data is for Work Breakdown Structure (use code WB) with no lower level elements (use code 0).
REF*74*1.2*ASSEMBLY n/	Indicates WBS number (use code 74) 1.2, description is "ASSEMBLY".
HL*10*6*WB*1 n/	Data is subordinate to the data in the sixth iteration of the HL segment (identified by the number 6). Data is for a Work Breakdown Structure (use code WB) with lower level elements (use code 1).
REF*74*2.0*NON-RECURRING n/	Indicates WBS number (use code 74) 2.0, description is "NON-RECURRING".
HL*11*10*WB*0 n/	Data is subordinate to the data in the tenth iteration of the HL segment (identified by the number 10). Data is for a Work Breakdown Structure (use code WB) with no lower level elements (use code 0).
REF*74*2.1*DESIGN n/	Indicates WBS number (use code 74) 2.1, description is "DESIGN".
HL*12**56*1 n/	Data is for a Statement of Work (use code 56) with lower level elements (use code 1).
REF*73*4.0*TOTAL PROPOSAL n/	Indicates SOW number (use code 73) 4.0, description is "TOTAL PROPOSAL".
HL*13*12*56*1 n/	Data is subordinate to the data in the twelfth iteration of the HL segment (identified by the number 12) Data is for Statement of Work (use code 56) with lower level elements (use code 1).
REF*73*4.1*DESIGN n/	Indicates SOW number (use code 73) 4.1, description is "DESIGN".
HL*14*13*56*0 n/	Data is subordinate to the data in the thirteenth iteration of the HL segment (identified by the number 13). Data is for a Statement of Work (use code 56) with no lower level elements (use code 0).
REF*73*4.1.1*R&E DESIGN n/	Indicates SOW number (use code 73) 4.1.1, description is "R&E DESIGN".
HL*15*13*56*0 n/	Data is subordinate to the data in the thirteenth iteration of the HL segment (identified by the number 13) Data is for Statement of Work (use code 56) with no lower level elements (use code 0).
REF*73*4.1.2*SYSTEMS DEVELOPMENT n/	Indicates SOW number (use code 73) 4.1.2, description is "SYSTEMS DEVELOPMENT".

HL*16*13*56*0 n/	Data is subordinate to the data in the thirteenth iteration of the HL segment (identified by the number 13) Data is for Statement of Work (use code 56) with no lower level elements (use code 0).
REF*73*4.1.3*TECHNOLOGY n/	Indicates SOW number (use code 73) 4.1.3, description is "TECHNOLOGY".
HL*17*12*56*1 n/	Data is subordinate to the data in the twelfth iteration of the HL segment (identified by the number 12) Data is for Statement of Work (use code 56) with lower level elements (use code 1).
REF*73*4.2*MANUFACTURING n/	Indicates SOW number (use code 73) 4.2, description is "MANUFACTURING".
HL*18*17*56*0 n/	Data is subordinate to the data in the seventeenth iteration of the HL segment (identified by the number 17) Data is for a Statement of Work (use code 56) with no lower level elements (use code 0).
REF*73*4.2.1*FABRICATION n/	Indicates SOW number (use code 73) 4.2.1, description is "FABRICATION".
HL*19*17*56*0 n/	Data is subordinate to the data in the seventeenth iteration of the HL segment (identified by the number 17) Data is for a Statement of Work (use code 56) with no lower level elements (use code 0).
REF*73*4.2.2*ASSEMBLY n/	Indicates SOW number (use code 73) 4.2.2 description is "ASSEMBLY".
HL*20*12*56*0 n/	Data is subordinate to the data in the twelfth iteration of the HL segment (identified by the number 12) Data is for : Statement of Work (use code 56) with no lower level elements (use code 0).
REF*73*4.3*DATA n/	Indicates SOW number (use code 73) 4.3, description is "DATA".
PD*CY*930101*A8*2*E1R*ENGINEERING ONE LABOR RATE n/	Indicates that for calendar year (use code CY) commencing January 1, 1993, the hourly rate (use code A8) for 2 years (use the number 2) for the Engineering one labor rate will be provided in the next iterations of the PDD segment.
PDD*1**30.00**AI n/ (Data maintenance action has been submitted to add PDD05 [data element 1413] to the PD segment in this transaction set.)	Indicates the hourly rate for 1993 is \$30.00. It is a negotiated rate (use code AI).

PDD*2**33.00**AH n/I
(Data maintenance action has been submitted to
add PDD05 [data element 1413] to the PD segment
in this transaction set.)

Indicates the hourly rate for 1994 is \$33.00. It is an
estimated rate (use code AH).

PD*CY*930101*A8*2*E2R*ENGINEERING TWO
LABOR RATE n/I

Indicates that for calendar year (use code CY)
commencing January 1, 1993, the hourly rate (use code
A8) for two years (use the number 2) for the Engineering
two labor rate will be provided in the next iterations of the
PDD segment.

PDD*1**45.00**AI n/I
(Data maintenance action has been submitted to
add PDD05 [data element

Indicates the hourly rate for 1993 is \$45.00. It is a
negotiated rate (use code AI).

PDD*1**48.00**AH n/I
(Data maintenance action has been submitted to
add PDD05 [data element

Indicates the hourly rate for 1994 is \$48.00. It is an
estimated rate (use code AH).

PD*CY*930101*A8*2*M1R*MANUFACTURING
ONE LABOR RATE n/I

Indicates that for calendar year (use code CY)
commencing January 1, 1993, the hourly rate (use code
A8) for two years (use the number 2) for the
manufacturing one labor rate will be provided in the next
iterations of the PDD segment.

PDD*1**20.00**AI n/I
(Data maintenance action has been submitted to
add PDD05 [data element

Indicates the hourly rate for 1993 is \$20.00. It is a
negotiated rate (use code AI). It is a negotiated rate (use
code AI).

PDD*2**22.00**AH n/I
(Data maintenance action has been submitted to
add PDD05 [data element

Indicates the hourly rate for 1994 is \$22.00. It is an
estimated rate (use code AH).

PD*CY*930101*A8*2*M2R*MANUFACTURING
TWO LABOR RATE n/I

Indicates that for calendar year (use code CY)
commencing January 1, 1993, the hourly rate (use code
A8) for two years (use the number 2) for the
manufacturing two labor rate will be provided in the next
iterations of the PDD segment.

PDD*1**16.00**AI n/I
(Data maintenance action has been submitted to
add PDD05 [data element

Indicates the hourly rate for 1993 is \$16.00. It is a
negotiated rate (use code AI).

PDD*2**20.00**AH n/I
(Data maintenance action has been submitted to
add PDD05 [data element

Indicates the hourly rate for 1993 is \$18.00. It is an
estimated rate (use code AH).

PD*CY*930101*P1*2*MLOHR*
MANUFACTURING LABOR OVERHEAD RATE
n/I

Indicates that for calendar year (use code CY) commencing January 1, 1993, the percent rate (use code P1) for two years (use the number 2) for Manufacturing Labor Overhead will be provided in the next iterations of the PDD segment.

PDD*1***150.00*AI n/I
(Data maintenance action has been submitted to
add PDD05 [data element

Indicates the percent rate for 1993 is 150.00. It is a negotiated rate (use code AI).

PDD*2***170.00*AH n/I
(Data maintenance action has been submitted to
add PDD05 [data element

Indicates the percent rate for 1994 is 170.00. It is an estimated rate (use code AH).

PD*CY*930101*P1*2*ELOHR*ENGINEERING
LABOR OVERHEAD RATE n/I

Indicates that for calendar year (use code CY) commencing January 1, 1993, the percent rate (use code P1) for two years (use the number 2) for Engineering Labor Overhead will be provided in the next iterations of the PDD segment.

PDD*1***70.00*AI n/I
(Data maintenance action has been submitted to
add PDD05 [data element

Indicates the percent rate for 1993 is 70.00. It is a negotiated rate (use code AI).

PDD*2***60.00*AH n/I
(Data maintenance action has been submitted to
add PDD05 [data element

Indicates the percent rate for 1994 is 60.00. It is an estimated rate (use code AH).

PD*CY*930101*P1*2*MOHR*MATERIAL
OVERHEAD RATE n/I

Indicates that for calendar year (use code CY) commencing January 1, 1993, the percent rate (use code P1) for two years (use the number 2) for Material Overhead will be provided in the next iterations of the PDD segment.

PDD*1***5.00*AG n/I
(Data maintenance action has been submitted to
add PDD05 [data element

Indicates the percent rate for 1993 is 5.00. It is an actual rate (use code AI).

PDD*1***6.00*AH n/I
(Data maintenance action has been submitted to
add PDD05 [data element

Indicates the percent rate for 1994 is 6.00. It is an estimated rate (use code AH).

PD*CY*930101*P1*2*GAR *G AND A RATE n/I

Indicates that for calendar year (use code CY) commencing January 1, 1993, the percent rate (use code P1) for two years (use the number 2) for G and A will be provided in the next iterations of the PDD segment.

PDD*1***10.00*AG n/I
(Data maintenance action has been submitted to
add PDD05 [data element

Indicates the percent rate for 1993 is 10.00. It is an actual rate (use code AI).

PDD*2***10.00*AH n/I
(Data maintenance action has been submitted to
add PDD05 [data element]

Indicates the percent rate for 1994 is 10.00. It is an
estimated rate (use code AH).

PD*CY*930101*P1*2*CSR*COMPUTER
SERVICES RATE n/I

Indicates that for calendar year (use code CY)
commencing January 1, 1993, the percent rate (use code
P1) for two years (use the number 2) for Computer
Services will be provided in the next iterations of the PDC
segment.

PDD*1***1.00*AG n/I
(Data maintenance action has been submitted to
add PDD05 [data element]

Indicates the percent rate for 1993 is 1.00. It is an actual
rate (use code AJ).

PDD*2***2.00*AH n/I
(Data maintenance action has been submitted to
add PDD05 [data element]

Indicates the percent rate for 1994 is 2.00. It is an
estimated rate (use code AH).

PD*CY*930101*P1*2*COMR*COST OF MONEY
RATE n/I

Indicates that for calendar year (use code CY)
commencing January 1, 1993, the percent rate (use code
P1) for two years (use the number 2) for Cost of Money
will be provided in the next iterations of the PDD
segment.

PDD*1***5.00*AG n/I
(Data maintenance action has been submitted to
add PDD05 [data element]

Indicates the percent rate for 1993 is 5.00. It is an actual
rate (use code AJ).

PDD*2***5.00*AH n/I
(Data maintenance action has been submitted to
add PDD05 [data element]

Indicates the percent rate for 1994 is 5.00. It is an
estimated rate (use code AH).

PD*CY*930101*P1*2*PR*PROFIT RATE n/I

Indicates that for calendar year (use code CY)
commencing January 1, 1993, the percent rate (use code
P1) for two years (use the number 2) for Profit will be
provided in the next iterations of the PDD segment.

SPI*90*PA*PR*****02 n/I
(Data maintenance action has been submitted to
add this segment to the transaction set at this
position).

The data in the following PDD segments is classified
Government Non-Classified (use code 90). The Assigned
Identification Number (use code PA) of the PD05 data to
which the security level pertains is number one. The data
is classified company confidential (use code 02).

PDD*1***15.00 n/I
(Data maintenance action has been submitted to
add PDD05 [data element]

Indicates the percent rate for 1993 is 15.00.

PDD*2***15.00 n/I
(Data maintenance action has been submitted to
add PDD85 [data element

Indicates the percent rate for 1994 is 15.00.

PD*CY*930101*DO*1*PP*PURCHASED
PARTS*27***AA n/I
(Data maintenance action has been submitted to
add PD10 [data element 1413] to the PD segment in
this transaction set.)

Indicates that for calendar year (use code CY)
commencing January 1, 1993, the direct dollar input (use
code DO) for the year (use the number 1) for Non-
Recurring (use code 27) Purchased Parts will be provided
in the next iteration of the PDD segment. It is an actual
amount (use code AC).

REF*C7*0001 n/I

Data pertains to CLIN (use code C7) 0001.

REF*73*4.1 n/I

Data also pertains to SOW (use code 73) number 4.1.

REF*74*2.1 n/I

Data also pertains to WBS (use code 74) number 2.1.

PDD*1**3100.00 n/I

1993 Direct Input Dollars for Non-Recurring Purchased
Parts is \$3100.00.

PD*CY*940101*DO*1*PP*PURCHASED
PARTS*26***AB n/I
(Data maintenance action has been submitted to
add PD10 [data element 1413] to the PD segment in
this transaction set.)

Indicates that for calendar year (use code CY)
commencing January 1, 1994, the direct dollar input (use
code DO) for the year (use the number 1) for Recurring
(use code 26) Purchased Parts will be provided in the next
iteration of the PDD segment. It is an estimated amount
(use code AB).

REF*C7*0002 n/I

Data pertains to CLIN (use code C7) 0002.

REF*73*4.2 n/I

Data also pertains to SOW (use code 73) number 4.2.

REF*74*1.0 n/I

Data also pertains to WBS (use code 74) number 1.0..

PDD*1**800.00 n/I

1994 Direct Input Dollars for Recurring Purchased Parts is
\$800.00.

MSG*COMPETITIVE QUOTE n/I

Provides the basis for the estimate.

PD*CY*940101*DO*1*PP*PURCHASED
PARTS*26***AB n/I
(Data maintenance action has been submitted to
add PD10 [data element 1413] to the PD segment in
this transaction set.)

Indicates that for calendar year (use code CY)
commencing January 1, 1994, the direct dollar input (use
code DO) for the year (use the number 1) for Recurring
(use code 26) Purchased Parts will be provided in the next
iteration of the PDD segment. It is an estimated amount
(use code AB).

REF*C7*0003 n/I

Data pertains to CLIN (use code C7) 0003.

REF*73*4.3 n/I

Data also pertains to SOW (use code 73) number 4.3.

PDD*1**1000.00 n/I

1994 Direct Input Dollars for Recurring Purchased Parts is
\$1000.00.

MSG*PAST EXPERIENCE FOR PRODUCTION OF
SIMILAR ITEM n/i

Provides the basis for the estimate.

PD*CY*930101*DO*1*MS*MAJOR
SUBCONTRACTOR PARTS*27***AC n/i
(Data maintenance action has been submitted to
add PD10 [data element 1413] to the PD segment in
this transaction set.)

Indicates that for calendar year (use code CY)
commencing January 1, 1993, the direct dollar input (use
code DO) for the year (use the number 1) for Non-
Recurring (use code 27) Major Subcontractor Parts will be
provided in the next iteration of the PDD segment. It is a
negotiated amount (use code AC).

REF*C7*0001 n/i

Data pertains to CLIN (use code C7) 0001.

REF*73*4.1 n/i

Data also pertains to SOW (use code 73) number 4.1.

REF*74*2.1 n/i

Data also pertains to WBS (use code 74) number 2.1.

PDD*1**2200.00 n/i

1993 Direct Input Dollars for Non-Recurring Major
Subcontractor Parts is \$22000.00.

N1*28*A1, INC. n/i

Identifies the subcontractor (use code 28) as the A1, Inc.
Company.

N3*12 E STREET n/i

The address of the A1, Inc. Company is 12 E. Street.

N4*WALDORF*MD*20602 n/i

The A1, Inc. Company is located in Waldorf, Maryland,
zip code 20602.

REF*PM*XX-BOARD n/i

Indicates the A1, Inc. Company part number (use code
PM) is XX-BOARD.

PD*CY*930101*HR*1*E1H*JUNIOR
ENGINEER*27***AB n/i
(Data maintenance action has been submitted to
add PD10 [data element 1413] to the PD segment in
this transaction set.)

Indicates that for calendar year (use code CY)
commencing January 1, 1993, the number of hours (use
code HR) for the year (use the number 1) which will be
non-recurring (use code 27) for a junior engineer will be
provided in the next iteration of the PDD segment. It is an
estimated amount (use code AB).

REF*C7*0001 n/i

Data pertains to CLIN (use code C7) 0001.

REF*73*4.1.1 n/i

Data also pertains to SOW (use code 73) number 4.1.1.

REF*74*2.1 n/i

Data also pertains to WBS (use code 74) number 2.1.

PDD*1*1500.00 n/i

1993 non-recurring hours for a junior engineer. are
estimated at 1500.

MSG*DEVELOPER R&E DESIGN n/i

Provides the basis for the estimate.

PD*CY*930101*HR*2*E1H*JUNIOR
ENGINEER*27***AB n/i
(Data maintenance action has been submitted to
add PD10 [data element 1413] to the PD segment in
this transaction set.)

Indicates that for calendar year (use code CY)
commencing January 1, 1993, the number of hours (use
code HR) for 2 years (use the number 2) which will be
non-recurring (use code 27) for a junior engineer will be
provided in the next iteration of the PDD segment. It is an
estimated amount (use code AB).

REF*C7*0001 n/I

Data pertains to CLIN (use code C7) 0001.

REF*73*4.1.2 n/I

Data also pertains to SOW (use code 73) number 4.1.2.

REF*74*2.1 n/I

Data also pertains to WBS (use code 74) number 2.1.

PDD*1*200.00n/I

1993 non-recurring hours for a junior engineer are estimated at 200.

PDD*2*300.00 n/I

1994 non-recurring hours for a junior engineer are estimated at 300.

MSG*DISCRETE ESTIMATE

Provides the basis for the estimate.

PD*CY*930101*HR*2*E1H*JUNIOR

ENGINEER*27***AB n/I

(Data maintenance action has been submitted to add PD10 [data element 1413] to the PD segment in this transaction set.)

Indicates that for calendar year (use code CY) commencing January 1, 1993, the number of hours (use code HR) for 2 years (use the number 2) which will be non-recurring (use code 27) for a junior engineer will be provided in the next iteration of the PDD segment. It is an estimated amount (use code AB).

REF*C7*0001 n/I

Data pertains to CLIN (use code C7) 0001.

REF*73*4.1.3 n/I

Data also pertains to SOW (use code 73) number 4.1.3.

REF*74*2.1 n/I

Data also pertains to WBS (use code 74) number 2.1.

PDD*1*300.00 n/I

1993 non-recurring hours for a junior engineer are estimated at 300.

PDD*2*300.00 n/I

1994 non-recurring hours for a junior engineer are estimated at 300.

MSG*PARAMETRIC ESTIMATE

Provides the basis for the estimate.

PD*CY*940101*HR*1*E1H*JUNIOR

ENGINEER*26***AB n/I

(Data maintenance action has been submitted to add PD10 [data element 1413] to the PD segment in this transaction set.)

Indicates that for calendar year (use code CY) commencing January 1, 1994, the number of hours (use code HR) for 1 year (use the number 1) which will be recurring (use code 26) for a junior engineer will be provided in the next iteration of the PDD segment. It is an estimated amount (use code AB).

REF*C7*0002 n/I

Data pertains to CLIN (use code C7) 0002.

REF*73*4.2 n/I

Data also pertains to SOW (use code 73) number 4.2

REF*74*1.0 n/I

Data also pertains to WBS (use code 74) number 1.0.

PDD*1*50.00 n/I

1994 recurring hours for a junior engineer are estimated at 50.

MSG*LIAISON ENGINEERING n/I

Provides the basis for the estimate.

PD*CY*930101*HR*2*E2H*SENIOR
ENGINEER*27***AB n/I
(Data maintenance action has been submitted to
add PD10 [data element 1413] to the PD segment in
this transaction set.)

Indicates that for calendar year (use code CY)
commencing January 1, 1993, the number of hours (use
code HR) for 2 years (use the number 2) which will be no
recurring (use code 27) for a senior engineer will be
provided in the next iteration of the PDD segment. It is an
estimated amount (use code AB).

REP*C7*0001 n/I

Data pertains to CLIN (use code C7) 0001.

REP*73*4.1.1 n/I

Data also pertains to SOW (use code 73) number 4.1.1.

REP*74*2.1 n/I

Data also pertains to WBS (use code 74) number 2.1.

PDD*1*2500.00 n/I

1993 recurring hours for a senior engineer are estimated at
2500.

PDD*2*600.00 n/I

1994 recurring hours for a senior engineer are estimated at
600.

MSG*DEVELOPER R&E DESIGN n/I

Provides the basis for the estimate.

PD*CY*930101*HR*2*E2H*SENIOR
ENGINEER*27***AB n/I
(Data maintenance action has been submitted to
add PD10 [data element 1413] to the PD segment in
this transaction set.)

Indicates that for calendar year (use code CY)
commencing January 1, 1993, the number of hours (use
code HR) for 2 years (use the number 2) which will be no
recurring (use code 27) for a senior engineer will be
provided in the next iteration of the PDD segment. It is an
estimated amount (use code AB).

REP*C7*0001 n/I

Data pertains to CLIN (use code C7) 0001.

REP*73*4.1.2 n/I

Data also pertains to SOW (use code 73) number 4.1.2.

REP*74*2.1 n/I

Data also pertains to WBS (use code 74) number 2.1.

PDD*1*200.00 n/I

1993 recurring hours for a senior engineer are estimated at
200.

PDD*2*200.00 n/I

1994 recurring hours for a senior engineer are estimated at
200.

MSG*DISCRETE ESTIMATE n/I

Provides the basis for the estimate.

PD*CY*930101*HR*2*E2H*SENIOR
ENGINEER*27***AB n/I
(Data maintenance action has been submitted to
add PD10 [data element 1413] to the PD segment in
this transaction set.)

Indicates that for calendar year (use code CY)
commencing January 1, 1993, the number of hours (use
code HR) for 2 years (use the number 2) which will be no
recurring (use code 27) for a senior engineer will be
provided in the next iteration of the PDD segment. It is an
estimated amount (use code AB).

REP*C7*0001 n/I

Data pertains to CLIN (use code C7) 0001.

REP*73*4.1.3 n/I

Data also pertains to SOW (use code 73) number 4.1.3.

REF*74*2.1 n/i	Data also pertains to WBS (use code 74) number 2.1.
PDD*1*300.00 n/i	1993 recurring hours for a senior engineer are estimated at 300.
PDD*2*50.00 n/i	1994 recurring hours for a senior engineer are estimated at 50.
MSG*PARAMETRIC ESTIMATE n/i	Provides the basis for the estimate.
PD*CY*940101*HR*1*E2H*SENIOR ENGINEER*26***AB n/i (Data maintenance action has been submitted to add PD10 [data element 1413] to the PD segment in this transaction set.)	Indicates that for calendar year (use code CY) commencing January 1, 1994, the number of hours (use code HR) for 1 year (use the number 1) which will be recurring (use code 26) for a senior engineer will be provided in the next iteration of the PDD segment. It is an estimated amount (use code AB).
REF*C7*0002 n/i	Data pertains to CLIN (use code C7) 0002.
REF*73*4.2 n/i	Data also pertains to SOW (use code 73) number 4.2.
REF*74*1 0 n/i	Data also pertains to WBS (use code 74) number 1.0.
PDD*1*100.00 n/i	1994 recurring hours for a senior engineer are estimated at 100.
MSG*LIAISON ENGINEERING n/i	Provides the basis for the estimate.
PD*CY*930101*HR*2*M1H*JUNIOR MANUFACTURING*26***AB n/i (Data maintenance action has been submitted to add PD10 [data element 1413] to the PD segment in this transaction set.)	Indicates that for calendar year (use code CY) commencing January 1, 1993, the number of hours (use code HR) for 2 years (use the number 2) which will be recurring (use code 26) for junior manufacturing will be provided in the next iteration of the PDD segment. It is an estimated amount (use code AB).
REF*C7*0002 n/i	Data pertains to CLIN (use code C7) 0002.
REF*73*4.2.1 n/i	Data also pertains to SOW (use code 73) number 4.2.1.
REF*74*1 1 n/i	Data also pertains to WBS (use code 74) number 1.1.
PDD*1*100.00 n/i	1993 recurring hours for junior manufacturing are estimated at 100.
PDD*2*1000.00 n/i	1994 recurring hours for junior manufacturing are estimated at 1000.
MSG*ESTIMATE BASED ON LABOR STANDARDS n/i	Provides the basis for the estimate.

PD*CY*930101*HR*2*M1H*JUNIOR
MANUFACTURING*26***AB n/I
(Data maintenance action has been submitted to
add PD10 [data element 1413] to the PD segment in
this transaction set.)

Indicates that for calendar year (use code CY)
commencing January 1, 1993, the number of hours (use
code HR) for 2 years (use the number 2) which will be
recurring (use code 26) for junior manufacturing will be
provided in the next iteration of the PDD segment. It is an
estimated amount (use code AB).

REF*C7*0002 n/I

Data pertains to CLIN (use code C7) 0002.

REF*73*4.2.2 n/I

Data also pertains to SOW (use code 73) number 4.2.2.

REF*74*1.2 n/I

Data also pertains to WBS (use code 74) number 1.2.

PDD*1*200.00 n/I

1993 recurring hours for junior manufacturing are
estimated at 200.

PDD*2*500.00 n/I

1994 recurring hours for junior manufacturing are
estimated at 500.

MSG*ESTIMATE BASED ON LABOR
STANDARDS n/I

Provides the basis for the estimate.

PD*CY*930101*HR*2*M2H*SENIOR
MANUFACTURING*26***AB n/I
(Data maintenance action has been submitted to
add PD10 [data element 1413] to the PD segment in
this transaction set.)

Indicates that for calendar year (use code CY)
commencing January 1, 1993, the number of hours (use
code HR) for 2 years (use the number 2) which will be
recurring (use code 26) for senior manufacturing will be
provided in the next iteration of the PDD segment. It is an
estimated amount (use code AB).

REF*C7*0002 n/I

Data pertains to CLIN (use code C7) 0002.

REF*73*4.2.1 n/I

Data also pertains to SOW (use code 73) number 4.2.1.

REF*74*1.1 n/I

Data also pertains to WBS (use code 74) number 1.1.

PDD*1*100.00 n/I

1993 recurring hours for senior manufacturing are
estimated at 100.

PDD*2*2000.00 n/I

1994 recurring hours for senior manufacturing are
estimated at 2000.

MSG*ESTIMATE BASED ON LABOR
STANDARDS n/I

Provides the basis for the estimate.

PD*CY*930101*HR*2*M2H*SENIOR
MANUFACTURING*26***AB n/I
(Data maintenance action has been submitted to
add PD10 [data element 1413] to the PD segment in
this transaction set.)

Indicates that for calendar year (use code CY)
commencing January 1, 1993, the number of hours (use
code HR) for 2 years (use the number 2) which will be
recurring (use code 26) for senior manufacturing will be
provided in the next iteration of the PDD segment. It is an
estimated amount (use code AB).

REF*C7*0002 n/I

Data pertains to CLIN (use code C7) 0002.

REF*73*4.2.2 n/

Data also pertains to SOW (use code 73) number 4.2.2.

REF*74*1.2 n/

Data also pertains to WBS (use code 74) number 1.2.

PDD*1*200.00 n/

1993 recurring hours for senior manufacturing are estimated at 200.

PDD*2*1000.00 n/

1994 recurring hours for senior manufacturing are estimated at 1000.

MSG*ESTIMATE BASED ON LABOR
STANDARDS n/

Provides the basis for the estimate.

PD*CY*930101*DO*2*IDWA*INTER
DIVISION*26***AC n/
(Data maintenance action has been submitted to
add PD10 [data element 1413] to the PD segment in
this transaction set.)

Indicates that for calendar year (use code CY)
commencing January 1, 1993, the dollar input (use code
DO) for 2 years (use the number 2) which will be
recurring (use code 26) for inter divisional parts will be
provided in the next iteration of the PDD segment. It is a
negotiated amount (use code AC).

REF*C7*0002 n/

Data pertains to CLIN (use code C7) 0002.

REF*73*4.2 n/

Data also pertains to SOW (use code 73) number 4.2.

REF*74*1.0 n/

Data also pertains to WBS (use code 74) number 1.0.

PDD*1**1000.00 n/

1993 recurring dollars for inter divisional parts are
estimated at \$1000.00

PDD*2**500.00 n/

1994 recurring dollars for inter divisional parts are
estimated at \$500.00

MSG*PRIOR EXPERIENCE IN PRODUCTION OF
SIMILAR ITEMS n/

Provides the basis for the estimate.

PD*CY*930101*DO*1*TVL*TRAVEL*27***AB
n/
(Data maintenance action has been submitted to
add PD10 [data element 1413] to the PD segment in
this transaction set.)

Indicates that for calendar year (use code CY)
commencing January 1, 1993, the dollar input (use code
DO) for 1 year (use the number 1) which will be non-
recurring (use code 27) for travel will be provided in the
next iteration of the PDD segment. It is an estimated
amount (use code AB).

REF*C7*0001 n/

Data pertains to CLIN (use code C7) 0001.

REF*73*4.1 n/

Data also pertains to SOW (use code 73) number 4.1.

REF*74*2.1 n/

Data also pertains to WBS (use code 74) number 2.1.

PDD*1**5000.00 n/

1993 recurring dollars for travel are estimated at \$5000.00

MSG*DISCRETE ESTIMATE n/

Provides the basis for the estimate.

PD*CY*940101*DO*1*TVL*TRAVEL*26***AB
n/I
(Data maintenance action has been submitted to
add PD10 [data element 1413] to the PD segment in
this transaction set.)

Indicates that for calendar year (use code CY)
commencing January 1, 1994, the dollar input (use code
DO) for 1 year (use the number 1) which will be recurring
(use code 26) for travel will be provided in the next
iteration of the PDD segment. It is an estimated amount
(use code AB).

REF*C7*0002 n/I

Data pertains to CLIN (use code C7) 0002.

REF*73*4.2 n/I

Data also pertains to SOW (use code 73) number 4.2.

REF*74*1.0 n/I

Data also pertains to WBS (use code 74) number 1.0.

PDD*1**4000.00 n/I

1994 recurring dollars for travel are estimated at \$4000.00

MSG*DISCRETE ESTIMATE n/I

Provides the basis for the estimate.

PD*CY*930101*DO*2*GS*GRAPHIC
SERVICES*27***AB n/I
(Data maintenance action has been submitted to
add PD10 [data element 1413] to the PD segment in
this transaction set.)

Indicates that for calendar year (use code CY)
commencing January 1, 1993, the dollar input (use code
DO) for 2 years (use the number 2) which will be non-
recurring (use code 27) for travel will be provided in the
next iteration of the PDD segment. It is an estimated
amount (use code AB).

REF*C7*0002 n/I

Data pertains to CLIN (use code C7) 0002.

REF*73*4.1 n/I

Data also pertains to SOW (use code 73) number 4.1.

REF*74*2.1 n/I

Data also pertains to WBS (use code 74) number 2.1.

PDD*1**100.00 n/I

1993 recurring dollars for travel are estimated at \$100.00

PDD*2**200.00 n/I

1994 recurring dollars for travel are estimated at \$200.00

LX*1 n/I

The assigned number is "1".

G61*CE*SARA LEE*TE*5557141234*VP*
FINANCE n/I

The name of the person certifying the proposal is Sara Lee.
Her telephone number is 5557141234. Her title is Vice
President, Finance.

AMT*TC*817425.00 n/I

The proposed cost (use code TC) is \$817,425.00.

AMT*TE*122614.00 n/I

The proposed fee (use code TE) is \$122,614.00.

AMT*TM*40871.00 n/I

The cost of money (use code MC) is \$40,871.00.

AMT*TF*980910.00 n/I

The total proposed price (use code TF) is \$980,910.00.

LX*2 n/I

The assigned number is "2".

SE*351*ABC0001 n/I

There are 351 segments in this transaction set and its
control number is ABC0001.

3.3.1 Sample Pricing Proposal

**COST PROPOSAL NUMBER 39 FOR
CHANGE ORDER NUMBER P00002, FOR THE
X12 WIDGET**

PREPARED FOR

**HQ NASA
MAIL CODE XX
WASHINGTON, DC 20334**

**RESTRICTION ON THE DISCLOSURE
AND USE OF DATA:**

WIDGET COMPANY CONFIDENTIAL DATA

PREPARED BY:

**ABC WIDGET COMPANY
10 MAIN STREET
ANYTOWN, VA 22011**

AUGUST 4, 1992

COST PROPOSAL SUMMARY

1.1 INTRODUCTION

This is a proposal (number 39), with detail support for a Firm Fixed Price contract with NASA. It is in response to RFP Number DAAZ9989S0001, covering modification number P00002 to our existing contract.

1.2 SCOPE OF WORK

The Widget program is expected to extend over a two year period. It will be in three phases:

<u>PHASE</u>	<u>NAME</u>	<u>DURATION</u>	<u>CLIN</u>
I	Design	1 year	0001
II	Production	1 year	0002
III	Data	1 year	0003

Deliverable data under phase III is not separately priced in this proposal.

1.3 DESCRIPTION OF PRODUCT

The widget is an Electronic Data Interchange (EDI) black box with nuclear hardened, menu driven, capabilities. There are two versions of the Widget. One, for the Johnson Space Center (JSC) and the other for Fort swampy. The only difference in the two versions is the color of the racing stripes affixed to the widget. JSC requires red stripes while Fort Swampy required blue stripes.

1.4 ESTIMATING ASSUMPTIONS

The period of performance proposed is from January 1993 to December 1994.

X.X SUMMARY OF COSTS: (See pages following)

CONTINUATION SHEET

<u>Item No.</u>	<u>Information</u>
7	XYZ Widget Company 20 Washington Street Somewhere, MD 12345 CAGE: 1B712
10	Widget Stamping Machine Manufactured by: XYZ Widget Company NSN 1234-567-00-8901 See page 10 of the Manufacturer's Price List Number 89XZ.
12	Widgets per Army Specification: Manufactured for: Widget Fabricators, Inc. 30 Lincoln Street Washington, DC 98765 DUNS: 123456789 Contract Numbers: 89-0001 89-1234 89-2468
12	Widgets per NASA Specification: Manufactured for: Gadget Fabricators, Inc. 40 Jefferson Court Cyprus, CA 98765 DUNS: 987654321 Contract Numbers: 90A1B2C3 89X10420

Summary Total			
<u>SF1411</u>	<u>Total</u>	<u>1993</u>	<u>1994</u>
Direct Materials			
Major Subs.	\$22,000	\$22,000	\$0
Pur. Parts	\$4,900	\$3,100	\$1,800
Inter. Division	\$1,500	\$1,000	\$500
Total Direct Mat'l	\$28,400	\$26,100	\$2,300
Material Overhead	\$1,443	\$1,305	\$138
Direct Labor			
Engr. Labor	\$262,050	\$195,000	\$67,050
Mfg. Labor	\$97,800	\$10,800	\$87,000
Total Labor	\$359,850	\$205,800	\$154,050
Labor Overheads			
Engr. Overhead	\$176,730	\$136,500	\$40,230
Mfg. Overhead	\$164,100	\$16,200	\$147,900
Total Overhead	\$340,830	\$152,700	\$188,130
Total Labor & Overhead	\$700,680	\$358,500	\$342,180
Other Direct Costs			
Computer Service	\$3,291	\$1,950	\$1,341
Graphic Service	\$300	\$100	\$200
Travel	\$9,000	\$0	\$9,000
Total Other Direct Costs	\$12,591	\$2,050	\$10,541
Subtotal	\$743,114	\$387,955	\$355,159
G & A	\$74,311	\$38,796	\$35,516
Total Cost	\$817,425	\$426,751	\$390,675
Cost of Money	\$40,871	\$21,338	\$19,534
Profit/Fee 15%	\$122,614	\$64,013	\$58,601
Total Price	\$980,910	\$512,101	\$468,810

<u>CLIN 0001</u>	<u>Total</u>	<u>1993</u>	<u>1994</u>
Direct Materials			
Major Subs.	\$22,000	\$22,000	\$0
Pur. Parts	\$3,100	\$3,100	\$0
Inter. Division	\$0	\$0	\$0
Total Direct Mat'l	\$25,100	\$25,100	\$0
Material Overhead	\$1,255	\$1,255	\$0
Direct Labor			
Engr. Labor	\$255,600	\$195,000	\$60,600
Mfg. Labor	\$0	\$0	\$0
Total Labor	\$255,600	\$195,00	\$60,600
Labor Overheads			
Engr. Overhead	\$172,860	\$136,500	\$36,360
Mfg. Overhead	\$0	\$0	\$0
Toatal Overhead	\$172,860	\$136,500	\$36,360
Total Labor & Overhead	\$428,460	\$331,500	\$96,960
Other Direct Costs			
Computer Service	\$3,162	\$1,950	\$1,212
Graphic Service	\$0	\$0	\$0
Travel	\$5,000	\$0	\$5,000
Total Other Direct Costs	\$81,621	\$1,950	\$6,212
Subtotal	\$462,977	\$359,805	\$103,172
G & A	\$46,298	\$35,981	\$10,317
Total Cost	\$509,275	\$395,786	\$113,489
Cost of Money	\$25,464	\$19,789	\$5,674
Profit/Fee 15%	\$76,391	\$59,368	\$17,023
Total Price	\$611,130	\$474,943	\$139,187

805 - CONTRACT PRICING PROPOSAL

ANSI ASC X12 VERSION/RELEASE 003030DOD_

<u>CLIN 0002</u>	<u>Total</u>	<u>1993</u>	<u>1994</u>
Direct Materials			
Major Subs.	\$0	\$0	\$0
Pur. Parts	\$1,800	\$0	\$1,800
Inter. Division	\$1,500	\$1,000	\$500
Total Direct Mat'l	\$3,300	\$1,000	\$2,300
Material Overhead	\$188	\$50	\$138
Direct Labor			
Engr. Labor	\$6,450	\$0	\$6,450
Mfg. Labor	\$97,800	\$10,800	\$87,000
Total Labor	\$104,250	\$10,800	\$93,450
Labor Overheads			
Engr. Overhead	\$3,870	\$0	\$3,870
Mfg. Overhead	\$164,100	\$16,200	\$147,900
Toatal Overhead	\$167,970	\$16,200	\$151,770
Total Labor & Overhead	\$272,220	\$27,000	\$245,220
Other Direct Costs			
Computer Service	\$129	\$0	\$129
Graphic Service	\$300	\$100	\$200
Travel	\$4,000	\$0	\$4,000
Total Other Direct Costs	\$4,429	\$100	\$4,329
Subtotal	\$280,137	\$28,150	\$251,987
G & A	\$28,014	\$2,815	\$25,199
Total Cost	\$308,151	\$30,965	\$277,186
Cost of Money	\$15,408	\$1,548	\$13,859
Profit/Fee 15%	\$46,223	\$4,645	\$41,578
Total Price	\$369,781	\$37,158	\$332,623

MAJOR SUBCONTRACTORS

<u>ITEM</u>	<u>COMPANY</u>	<u>1993</u>	<u>CLIN</u>	<u>SOW</u>	<u>WBS</u>	<u>RECURRING/ NONRECURRING</u>
XX-BOARD	A1 Inc. 12 E. Street Waldorf, MD 20602	\$22,000	0001	4.1	2.1	N/R

	Total SubContracts	\$22,000				

PURCHASED PARTS

<u>ITEM</u>	<u>1993</u>	<u>1994</u>	<u>CLIN</u>	<u>SOW</u>	<u>WBS</u>	<u>RECURRING/ NONRECURRING</u>
Design	\$3,100	\$0	0001	4.1	2.1	N/R
Mfg	\$0	\$800	0002	4.2	2.1	R
Data	\$0	\$1,000	0003	4.3	---	R
	-----	-----				
Total	\$3,100	\$1,800				
CLIN 0001	\$3,100	\$0				
CLIN 0002	\$0	\$1,800				

Data is Not Separately Priced, Included
in CLIN 0002.

Labor & Overhead Rate Table

Code	1993	1994	Title
ENGINEERING LABOR RATES			
E1R	\$30.00	\$33.00	Junior Engineer
E2R	\$45.00	\$48.00	Senior Engineer
MANUFACTURING LABOR RATES			
M1R	\$20.00	\$22.00	Skilled
M2R	\$16.00	\$18.00	Semi-Skilled
OVERHEAD RATES			
ELOHR	70.0%	60.0%	Engineering Overhead
MFLOHR	150.0%	170.0%	Manufacturing Overhead
GAR	10.0%	10.0%	General & Administrative Rate
MOHR	5.0%	6.0%	Material Overhead
COMP FCTR	1.0%	2.0%	Computer Use Factor
COM	5.0%	5.0%	CAS Cost of Money-Engineering

Direct Labor Hour Summary By Task

Direct Engineering Hour Summary

TOTAL LABOR		1993 LABOR		1994 LABOR		Description
E1M	E2M	E1M	E2M	E1M	E2M	
2600	3850	2000	3000	600	850	CLIN 0001 Design
1500	3100	1500(N)	2500(N)	0	600(N)	4.1.1 R & E Design Developer
500	400	200(N)	200(N)	300(N)	200(N)	4.1.2 System Development Discrete Estimate
600	350	300(N)	300(N)	300(N)	50(N)	4.1.3 Techonology Parametric Estimate
50	100	0	0	50(R)	100(R)	CLIN 0002 MFG SUPPORT

Direct Manufacturing Hour Summary

TOTAL LABOR		1993 LABOR		1994 LABOR		Description
M1M	M2M	M1M	M2M	M1M	M2M	
1800	3300	300	300	1500	3000	CLIN 002 MFG
1100	2100	100(R)	100(R)	1000(R)	2000(R)	4.2.1 Fab Labor Standards
700	1200	200(R)	200(R)	500(R)	1000(R)	4.2.2 Assembly

N = Nonrecurring

R = Recurring

WBS - Work Breakdown Structure

0.0	Total Proposal
1.0	Recurring
1.1	Fabrication
1.2	Assembly
2.0	Non-Recurring
2.1	Design

SOW - Statement of Work Structure

4.0	Total Proposal
4.1	Design
4.1.1	R & E Design
4.1.2	System Development
4.1.3	Technology
4.2	Manufacturing
4.2.1	Fabrication
4.2.2	Assembly
4.3	Data

CLIN - Contract Item Structure

0001	Design
0002	Production
0002AA	Production-XYZ
0002AB	Production-XXZ
0003	Data

LOGIC

TDM = PP + IDWA + MS
TDMOH = TDM x MOHR
E1D = E1H = E1R
E2D = E2H = E1R
ELD = E1D + E2D
ELDOH = ELD x EOHR
M1D = M1H x M1R
M2D = M2H x M2R
MLD = M1D + M2D

TDL D = ELD + MFD
ELOH = ELD x ELOHR
MLOH = MLD x MLOHR
TLOH = ELOH + MLOH
CS = ELD x CSR
TL&OH = TDL D + TLOH
TODC = CS + GS + TRAVEL
SUB = TLOH + TDM + TDMOH +TODC
GA = SUB x GAR
TCOST = SUB + GA
COM = TCOST x COMR
PROFIT = TCOST x PR
PRICE = TCOST + PROFIT

CLIN - SOW - WBS Diagram

<u>CLIN</u>	<u>SOW</u>	<u>WBS</u>
0001	4.1.1	2.1
	4.1.2	
	4.1.3	
0002		1.0
0002AA	4.2	
0002AB	4.2	
0003	4.3	

3.4 DoD CONVENTION

805 Contract Pricing Proposal

This Draft Standard for Trial Use contains the format and establishes the data contents of the Contract Pricing Proposal Transaction Set (805) cover sheet and pricing support detail for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set enables the transmission of cost and pricing data for a given contract action and provides pricing support detail data or references where that data can be found in the proposal.

Table 1

PAGE #	POS. #	SEQ. ID	NAME	REQ. DES.	MAX USE	LOOP REPEAT
3	010	ST	Transaction Set Header	M	1	
4	020	BCP	Beginning Segment for Contract Pricing Proposal	M	1	
8	030	SPI	Specification Identifier	M	1	
N/U	040	MSG	Message Text	O	>1	
N/U	050	CUR	Currency	O	1	
		LOOP ID - N1				>1
10	060	N1	Name	O	1	
12	070	N2	Additional Name Information	O	2	
13	080	N3	Address Information	O	2	
14	090	N4	Geographic Location	O	1	
15	100	DTM	Date/Time Reference	O	2	
16	110	G61	Contact	O	2	
		LOOP ID - CBS				>1
18	120	CBS	Cost Breakdown Structure	O	1	
19	130	JIL	Line Item Detail for the Operating Expense Statement	O	1	
21	140	LIN	Item Identification	O	1	
24	150	MSG	Message Text	O	>1	
		LOOP ID - CB1				>1
25	160	CB1	Contract and Cost Accounting Standards Data	O	1	
26	170	MSG	Message Text	O	>1	
27	180	N9	Reference Number	O	>1	
		LOOP ID - CB1/N1				>1
28	190	N1	Name	O	1	
30	200	N2	Additional Name Information	O	2	
31	210	N3	Address Information	O	2	
32	220	N4	Geographic Location	O	1	
N/U	230	DTM	Date/Time Reference	O	2	
N/U	240	G61	Contact	O	1	

Table 2

PAGE #	POS. #	SEG. ID	NAME	REQ. DES.	MAX USE	LOOP REPEAT
33	010	PL	Proposal Cost Logic	0	>1	
		LOOP ID - HL				>1
35	020	HL	Hierarchical Level	0	1	
37	030	REF	Reference Numbers	0	1	
		LOOP ID - PD				>1
38	040	PD	Proposal Data	0	1	
40	050	REF	Reference Numbers	0	3	
41	060	PDD	Proposal Data Detail	0	>1	
42	070	MSG	Message Text	0	>1	
		LOOP ID - PD/N1				>1
43	080	N1	Name	0	1	
44	090	N2	Additional Name Information	0	2	
45	100	N3	Address Information	0	2	
46	110	N4	Geographic Location	0	1	
47	120	REF	Reference Numbers	0	>1	

Table 3

PAGE #	POS. #	SEG. ID	NAME	REQ. DES.	MAX USE	LOOP REPEAT
		LOOP ID - LX				2
48	010	LX	Assigned Number	0	1	
49	020	G61	Contact	0	1	
51	030	AMT	Monetary Amount	0	4	
52	040	SE	Transaction Set Trailer	M	1	

NOTES:

1/060 When the N1 loop is used, it will carry the name and address of a party pertinent to the proposal, such as the proposing party, the place(s) of performance, the contract administration, and auditing offices.

1/160 When CB101 is code "01," "05," "08," "10," "11," "12," "14" or "17," discussion will be carried in the MSG segment in the CB1 loop; numbers and their text descriptions will be carried in the N9 segment of the CB1 loop.

1/190 When the N1 loop is used, it will carry the name and address of a party needed to clarify a response to a question answered in the CB1 loop, such as party for whom the same or a similar item as the one being proposed, has been previously produced.

2/040 PD03 is the unit of measurement for the data contained in the PD loop.

2/080 When the N1 loop is used, it will carry the name and address of a party related to the proposal data such as a major subcontractor whose cost or price information has been rolled up into this price proposal.

805 - CONTRACT PRICING PROPOSAL
ST - TRANSACTION SET HEADER

ANSI ASC X12 VERSION/RELEASE 803030D00

Mandatory	Segment: ST Transaction Set Header
	Level: Header
	Loop: ____
	Usage: Mandatory
	Max Use: 1
	Purpose: To indicate the start of a transaction set and to assign a control number
	Semantic: The transaction set identifier (ST01) used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the invoice transaction set).

Data Element Summary

	REP. DES.	DATA ELEMENT	NAME	ATTRIBUTES		
Mandatory	ST01	143	Transaction Set Identifier Code Code uniquely identifying a Transaction Set. 805 X12.195 Contract Pricing Proposal	M	ID	3/3
Mandatory	ST02	329	Transaction Set Control Number Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M	AN	4/9

Implementation Note:

A unique number assigned by the originator of the transaction set or by the originator's application program. This number is the same as the one carried in SE02.

Segment: BCP Beginning Segment for Contract Pricing Proposal
Level: Header
Loop: ____
Mandatory
Usage: Mandatory
Max Use: 1
Purpose: To indicate the beginning of a contract pricing proposal transaction set and to transmit identifying numbers and dates
Semantic: 1. BCP04 is the start of the proposer's fiscal year.
2. BCP07 is the transaction creation date.
3. BCP08 is the transaction creation time.
4. BCP10 is the revision number of the proposal.
5. BCP11 is the option number being proposed.
6. BCP12 is the description of an "other" type of contract action.
7. BCP13 is the description of an "other" type of contract.

Data Element Summary

REF DES	DATA ELEMENT	NAME	ATTRIBUTES
Mandatory	BCP01 353	Transaction Set Purpose Code Code identifying purpose of transaction set.	M ID 2/2

Implementation Notes:

1. When codes "02", "03", and "05" are used, the transaction set must contain sufficient information for the receiving party to understand the nature of the instant transaction set, e.g., if an "add" is made to the accounting algorithm, all affected portions of the algorithm must be retransmitted.
2. When code "05" is used, it will overwrite portions of a previously submitted transaction set. Code "05" will not be used as a substitute for code "15".
3. Codes "05" and "15" can only be used by proposing entities when authorized by the Government.

00 Original

Code Value Implementation Note:

Use code "00" only when submitting an original contract price or cost proposal.

01 Cancellation

Code Value Implementation Note:

use code "01" when canceling either an original or modified contract price or cost proposal.

02 Add

Code Value Implementation Note:

Use code "02" to add data to a previously transmitted 805 transaction set.

03 Delete

Code Value Implementation Note:

Use code "03" to delete data from a previously transmitted 805 transaction set.

05 Replace

Code Value Implementation Note:

Use code "05" to replace data previously transmitted.

805 - CONTRACT PRICING PROPOSAL
BCP - BEGINNING SEGMENT FOR CONTRACT PRICING PROPOSAL

ANSI ASC X12 VERSION/RELEASE 003030DOD

		07 Duplicate			
		<i>Code Value Implementation Note:</i>			
		<i>Use code "07" to retransmit, in its entirety, a previously transmitted 805 transaction set.</i>			
		15 Re-Submission			
		<i>Code Value Implementation Note:</i>			
		<i>Use code "15" when resubmitting the entire proposal.</i>			
Mandatory	BCP02	128 Reference Number Qualifier	M	ID	2/2
		Code qualifying the Reference Number.			
		<i>Implementation Note:</i>			
		<i>Only one code can be used.</i>			
		CT Contract Number			
		<i>Code Value Implementation Note:</i>			
		<i>Use code "CT" for the contract number.</i>			
		KS Solicitation			
		<i>Code Value Implementation Note:</i>			
		<i>Use code "KS" for the solicitation number.</i>			
Mandatory	BCP03	127 Reference Number	M	AN	1/30
		Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.			
		<i>Implementation Note:</i>			
		<i>The actual contract or solicitation number (without the dashes [-]), as assigned by the Government; Block 1 of the SF 1411.</i>			
Mandatory	BCP04	373 Date	M	DT	6/6
		Date (YYMMDD).			
		<i>Implementation Notes:</i>			
		<i>1. The beginning date of the proposer's fiscal year. Must coincide with the year in which the proposing party intends to commence the proposed work.</i>			
		<i>2. Data maintenance action has been submitted to change the requirement designator of this data element from mandatory to optional.</i>			
Mandatory	BCP05	1308 Contract Action Code	M	ID	2/2
		Code identifying the expected resultant type of contract action			
		<i>Implementation Notes:</i>			
		<i>1. Use any applicable code.</i>			
		<i>2. When BCP05 is code "KG", specify the "other contract action" in BCP12; Block 4 of the SF 1411.</i>			
		<i>3. Data maintenance action has been submitted to change the requirement designator of this data element from mandatory to optional.</i>			
		KA New Contract			
		KB Contract Change Order			
		KC Price Revision			
		KD Price Redetermination			
		KE Letter Contract			
		KF Unpriced Order			
		KG Other Contract Action			

		Code Value Implementation Note: Use code "KG" to indicate an "other contract action" which has not been previously agreed to by the trading partners.	
		ZZ Mutually Defined Code Value Implementation Note: Use code "ZZ" only when an "other contract action" has been agreed to by the trading partners.	
Mandatory	BCP06 1166	Contract Type Code Code identifying a contract type	M ID 2/2
Implementation Notes: 1. Use any listed code. 2. When BCP06 is code "OC", specify the "other contract type in BCP13; Block 5 of the SF 1411. 3. Data maintenance action has been submitted to change the requirement designator of this data element from mandatory to optional.			
CH Cost Sharing CS Cost CW Cost Plus Award Fee CX Cost Plus Fixed Fee CY Cost Plus Incentive Fee FD Fixed Price Redetermination FE Fixed Price with Escalation FI Fixed Price Incentive FR Firm Fixed Price LE Level of Effort LH Labor Hours OC Other Contract Type TM Time and Materials			
Required	BCP07 373	Date Date (YYMMDD).	O DT 6/6
Implementation Note: Date the transaction set was created. This date is used for certification purposes.			
Required	BCP08 337	Time Time expressed in 24-hour clock time (HHMMSS) (Time range: 000000 through 235959)	O TM 4/6
Optional	BCP09 327	Change Order Sequence Number Number assigned by the orderer identifying a specific change or revision to a previously transmitted transaction set.	O AN 1/8
Implementation Notes: 1. When BCP02 is code "CT", BCP09 may contain a contract modification number, (e.g., P00001), if applicable; Block 1 of the SF 1411. 2. When BCP02 is code "KS", BCP09 may contain a solicitation amendment number, if applicable; Block 1 of the SF 1411.			
Optional	BCP10 127	Reference Number Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	O AN 1/30

805 - CONTRACT PRICING PROPOSAL
BCP - BEGINNING SEGMENT FOR CONTRACT PRICING PROPOSAL

ANSI ASC X12 VERSION/RELEASE 003030D0D

Optional	BCP11 127	Reference Number	O AN 1/30
		Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	

Implementation Note:

The contract option number, as specified within the contract, for which this proposal is being submitted.

Optional	BCP12 352	Description	O AN 1/80
		A free-form description to clarify the related data elements and their content.	

Implementation Note:

A free form text description of an "other contract action". Use when BCP05 is code "KG".

Optional	BCP13 352	Description	O AN 1/80
		A free-form description to clarify the related data elements and their content.	

Implementation Note:

A free form text description of another type of contract. Use when BCP06 is code "OC".

ANSI ASC X12 VERSION/RELEASE 003030D0D_

	Segment: SPI Specification Identifier				
	Level: Header				
	Loop: ____				
Mandatory	Usage: Mandatory				
	Max Use: 1				
	Purpose: To provide a description of the included specification or technical data items.				
	Implementation Notes:				
	1. Provides government and proposing party security level or classification information related to the proposal being submitted				
	2. Data maintenance action has been submitted to add SPI13 (data element 1412 - Certification Code) to this segment. This data element will be used to certify current cost and pricing data or overhead rates. It can also be used to indicate that no certification is required. Codes "AD" (Certification of Current Cost and Pricing Data), "AB" (Certification of Overhead), and "AC" (Certification not required) will be used.				
	Data Element Summary				
	REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES	
Mandatory	SPI01	786	Security Level Code Code indicating the level of confidentiality assigned by the sender to the information following.	M ID	2/2
	Implementation Note:				
	Use the code that denotes the highest overall document security classification.				
		90	Government Non-Classified		
		92	Government Confidential		
		93	Government Secret		
		94	Government Top Secret		
		99	Government Defined (Trading Partner Level)		
Mandatory	SPI02	128	Reference Number Qualifier Code qualifying the Reference Number.	M ID	2/2
		39	Proposal Number		
Mandatory	SPI03	127	Reference Number Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	M AN	1/30
	Implementation Note:				
	The actual proposal number as assigned by the proposing party.				
Not Used	SPI04	790	Entity Title	O AN	1/132
Not Used	SPI05	791	Entity Purpose	O AN	1/80
Not Used	SPI06	792	Entity Status Code	O ID	1/1
Not Used	SPI07	353	Transaction Set Purpose Code	O ID	2/2
Not Used	SPI08	755	Report Type Code	O ID	2/2
Required	SPI09	786	Security Level Code	O ID	2/2

805 - CONTRACT PRICING PROPOSAL
SPI - SPECIFICATION IDENTIFIER

ANSI ASC X12 VERSION/RELEASE 003030D00

Code indicating the level of confidentiality assigned by the sender to the information following.

Implementation Notes:

1. Use the code that denotes the highest overall security level of the proposing entity.
2. Code "06" (Supplier Proprietary) will be added when available in the next version and release of the X12 Standards.

- 00 Company Non-Classified
- 01 Company Internal Use Only
- 02 Company Confidential
- 03 Company Confidential, Restricted (Need to Know)
- 04 Company Registered (Signature Required)
- 05 Personal
- 09 Company Defined (Trading Partner Level)

Not Used	SPI10	559	Agency Qualifier Code	O	ID	2/2
Not Used	SPI11	916	Code List Reference	O	AN	1/6
Not Used	SPI12	554	Assigned Number	O	NO	1/6

Data Maintenance action has been submitted to add the REF segment in Table 1, Position 035 as an optional segment with a maximum use of 20.

Use of the REF Segment in the 805 Contract Pricing Proposal Transaction Set will be optional and it will be used to reference other related transaction sets carrying data such as the 251 Pricing Rate Proposal Transaction Set.

Only the REF01 and REF02 data elements will be used in the 805 Transaction Set.

REF01 can be used to carry any code but code "TN" will be used to qualify a unique Transaction Set Control Number or to qualify a control number of a previous transmission of the 805 Transaction Set.

Required

Segment: N1 Name

Level: Header

Loop: N1 **Repeat:** >1

Usage: Optional

Max Use: 1

Purpose: To identify a party by type of organization, name and code

Syntax: 1. R0203 — At least one of N102 or N103 is required.

2. P0304 — If either N103 or N104 is present, then the other is required.

Comment: This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.

Implementation Notes:

1. Use of N101, N103 and N104 to describe an address is preferred. Use N102 and Segments N2 through N4 only when an address cannot be described using a CAGE code or a DoDAAC.
2. When there are breaks in the period of performance at the same location, use multiple iterations of the N1 Loop with code "KE" in N101 and specify the same location to provide the additional dates.

Data Element Summary

Mandatory

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
N101	98	Entity Identifier Code	M ID 2/2
		Code identifying an organizational entity, a physical location, or an individual	

Implementation Notes:

1. For an original, duplicate, or resubmission transaction set, there must be at least one iteration of the N1 Loop for each of the listed codes except when the proposing party and the certifying party are the same. In that case, in addition to the other codes, only one iteration of the N1 Loop, using code "PV", is required to describe this party.
2. In all other cases, at least one iteration of the N1 Loop using either code "KD" or code "PV" is required.
3. When the place of performance is at the proposing party's address, there is no need to have a second iteration of the N1 Loop using code "KE" in N101. In this case, the proposing party will be qualified with code "KD" in N101 and the period of performance will be provided in two iterations of the DTM Segment in the N1 Loop. Use code "KE" in an iteration of the N1 Loop only when there is one or more places of performance and the addresses are different than the proposing party's address. If performance is not scheduled at the address of the proposing party, do not use the DTM Segment in that iteration of the N1 Loop.

C4 Contract Administration Office

Code Value Implementation Note:

Use code "C4" for the Contract Administration Office; Block 9a of the SF 1411.

KD Proposer

Code Value Implementation Note:

Use code "KD" for the proposing party; Block 2 of the SF 1411.

KE Place of Performance

Code Value Implementation Note:

Use code "KE" for place of performance; Block 7 of the SF 1411.

805 - CONTRACT PRICING PROPOSAL
N1 - NAME

ANSI ASC X12 VERSION/RELEASE 003030DOD

				KF Audit Office <i>Code Value Implementation Note:</i> <i>Use code "KF" for the audit office; Block 9b of the SF 1411.</i>			
				PV Party performing certification <i>Code Value Implementation Note:</i> <i>Use code "PV" for the name of the firm; Block 16 of the SF 1411.</i>			
				TO Message To <i>Code Value Implementation Note:</i> <i>Use code "TO" to indicate the party to whom the message is being sent.</i>			
Conditional	N102	93	Name	Free-form name.	C	AN	1/35
				<i>Implementation Note:</i> <i>Use only when the entity cannot be identified by using either a CAGE code or a DoDAAC.</i>			
Conditional	N103	66	Identification Code Qualifier	Code designating the system/method of code structure used for Identification Code (67).	C	ID	1/2
				<i>Implementation Notes:</i> 1. When N101 is code "C4", "KF" or "TO", use code "10". 2. When N101 is code "KD" or "PV", use code "9" or "33". 3. When applicable and when N101 is code "KE", use code "10" when the place of performance is a known DoD location or use code "9" or "33" when the place of performance is a known commercial location.			
				10 Department of Defense Activity Address Code (DODAAC) 33 Commercial and Government Entity (CAGE) 9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix			
Conditional	N104	67	Identification Code	Code identifying a party or other code.	C	AN	2/17
				<i>Implementation Note:</i> <i>The actual DoDAAC or CAGE code of the cited entity.</i>			

Optional

Segment: N2 Additional Name Information
Level: Header
Loop: N1
Usage: Optional
Max Use: 2
Purpose: To specify additional names or those longer than 35 characters in length

Implementation Note:
Use of this segment is not necessary when the cited entity can be identified by using a DoDAAC or CAGE code.

Data Element Summary						
	REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES		
Mandatory	N201	93	Name Free-form name.	M	AN	1/35
Optional	N202	93	Name Free-form name.	O	AN	1/35

806 - CONTRACT PRICING PROPOSAL
N3 - ADDRESS INFORMATION

ANSI ASC X12 VERSION/RELEASE 003030D00

Optional

Segment: N3 Address Information

Level: Header

Loop: N1

Usage: Optional

Max Use: 2

Purpose: To specify the location of the named party

Implementation Note:

Use of this segment is not necessary when the cited entity can be identified by using a DoDAAC or CAGE code.

Data Element Summary

	REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES		
Mandatory	N301	166	Address Information Address information	M	AN	1/35
Optional	N302	166	Address Information Address information	O	AN	1/35

Optional

Segment: N4 Geographic Location

Level: Header

Loop: N1

Usage: Optional

Max Use: 1

Purpose: To specify the geographic place of the named party

Syntax: 1. R0105 — At least one of N401 or N405 is required.
2. P0506 — If either N405 or N406 is present, then the other is required.

Comments: 1. A combination of either N401 through N404 (or N405 and N406) may be adequate to specify a location.
2. N402 is required only if city name (N401) is in the USA or Canada.

Implementation Note:
Use of this segment is not necessary when the cited entity can be identified by using a DoDAAC or CAGE code.

Data Element Summary

	REF. DEF.	DATA ELEMENT	NAME	ATTRIBUTES
Conditional	N401	19	City Name Free-form text for city name.	C AN 2/30
Optional	N402	156	State or Province Code Code (Standard State/Province) as defined by appropriate government agency.	O ID 2
Optional	N403	116	Postal Code Code defining international postal zone code excluding punctuation and blanks (zip code for United States).	O ID 3/9
Optional	N404	26	Country Code Code identifying the country.	O ID 2/3
Not Used	N405	309	Location Qualifier	C ID 1/2
Not Used	N406	310	Location Identifier	C AN 1/25

805 - CONTRACT PRICING PROPOSAL
DTM - DATE/TIME REFERENCE

ANSI ASC X12 VERSION/RELEASE 003000D0D

Required	Segment: DTM Date/Time Reference				
	Level: Header				
	Loop: N1				
	Usage: Optional				
	Max Use: 2				
Mandatory	Purpose: To specify pertinent dates and times				
	Syntax: R0203 — At least one of DTM02 or DTM03 is required.				
	<i>Implementation Note:</i>				
	<i>One iteration of the DTM Segment are required to indicate the start and end date of the performance period for each place of performance.</i>				
	Data Element Summary				
Mandatory	REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES	
	DTM01	374	Date/Time Qualifier Code specifying type of date or time, or both date and time.	M	ID 3/3
	193 Period Start				
	<i>Code Value Implementation Note:</i>				
	<i>When applicable, use code "193" in the first iteration of the DTM Segment to indicate the start of the performance period.</i>				
Conditional	194 Period End				
	<i>Code Value Implementation Note:</i>				
	<i>When applicable, use code "194" in a second iteration of the DTM Segment to indicate the end of the performance period.</i>				
	DTM02	373	Date Date (YYMMDD).	C	DT 6/6
	DTM03	337	Time	C	TM 4/6
Not Used	DTM04	623	Time Code	O	ID 2/2
Not Used	DTM05	624	Century	O	N0 2/2

Required

Segment: G61 Contact
Level: Header
Loop: N1
Usage: Optional
Max Use: 2
Purpose: To identify a person or office to whom communications should be directed
Syntax: P0304 — If either G6103 or G6104 is present, then the other is required.
Comment: G6103 qualifies G6104.

Implementation Note:
 Use to provide information about the offeror's point of contact.

Data Element Summary

	REP DES	DATA ELEMENT	NAME	ATTRIBUTES
Mandatory	G6101	366	Contact Function Code Code identifying the major duty or responsibility of the person or group named. CE Certifier <i>Code Value Implementation Note:</i> Use code "CE" to indicate the certifying official. IC Information Contact <i>Code Value Implementation Note:</i> Use code "IC" to indicate the offeror's point of contact; Block 3a of the SF 1411.	M ID 2/2
Mandatory	G6102	93	Name Free-form name.	M AN 1/35
			Implementation Notes: 1. The name of the offeror's point of contact or the certifying official. 2. The name of the point of contact is required if different from the certifying official. The name of the certifying official is always required.	
Conditional	G6103	365	Communication Number Qualifier Code identifying the type of communication number.	C ID 2/2
			Implementation Note: Always use code "TE". No other code may be used in this data element. TE Telephone	
Conditional	G6104	364	Communication Number Complete communications number including country or area code when applicable.	C AN 1/25
			Implementation Note: The actual telephone number of the offeror's point of contact.	
Optional	G6105	443	Contact Inquiry Reference Additional reference number or description to clarify a contact number.	O AN 1/20
			Implementation Notes: 1. The title of the offeror's point of contact or certifying official.	

805 - CONTRACT PRICING PROPOSAL
G61 - CONTACT

ANSI ASC X12 VERSION/RELEASE 003030DOD

2. *Required when G6101 is code "CE".*

Optional

Segment: CBS Cost Breakdown Structure
Level: Header
Loop: CBS Repeat: >1
Usage: Optional
Max Use: 1
Purpose: To identify and quantify each line item being proposed
Semantic: 1. CBS01 is the line item or exhibit (including subline numbers of either).
 2. CBS02 is the line item quantity.

Implementation Notes:

1. Provides information about the contract or solicitation line items being proposed.
2. Segment is required in the original, duplicate, and resubmission transmissions (e.g., when BCP01 is code "00", "07", or "15").

Data Element Summary

	REP DES	DATA ELEMENT	NAME	ATTRIBUTES		
Mandatory	CBS01	350	Assigned Identification Alphanumeric characters assigned for differentiation within a transaction set.	M	AN	1/11
	Implementation Note: The contract line item or sub-line item number; Block 8a of the SF 1411.					
Mandatory	CBS02	380	Quantity Numeric value of quantity.	M	R	1/15
	Implementation Note: The actual quantity for the cited line item; Block 8c of the SF 1411.					
Mandatory	CBS03	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	M	ID	2/2
	Implementation Note: Use any code.					

805 - CONTRACT PRICING PROPOSAL
JIL - LINE ITEM DETAIL FOR THE OPERATING EXPENSE STATEMENT

ANSI ASC X12 VERSION/RELEASE 003030DOD

Optional

Segment: JIL Line Item Detail for the Operating Expense Statement

Level: Header

Loop: CBS

Usage: Optional

Max Use: 1

Purpose: To specify the service code or classification the expense will be charged to, and to provide the required expense data.

Syntax: P0405 — If either JIL04 or JIL05 is present, then the other is required.

Semantic: JIL06 is the date the transaction occurred.

Implementation Notes:

1. Provides information about the contract or solicitation line items being proposed.
2. Segment is required in the original, duplicate, and resubmission transmissions (e.g., when BCP01 is code "00", "07", or "15").

Data Element Summary

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
Mandatory	JIL01	235 Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234). IN Buyer's Item Number <i>Code Value Implementation Note:</i> Use code "IN" to indicate the contract line item number.	M ID 2/2
Mandatory	JIL02	234 Product/Service ID Identifying number for a product or service.	M AN 1/30
		<i>Implementation Note:</i> The actual contract line item number (CLIN). Same number as in CBS01.	
Required	JIL03	782 Monetary Amount Monetary amount.	O R 1/15
		<i>Implementation Notes:</i> 1. The actual monetary amount of the CLIN cited in CBS01; Block 8d of the SF 1411. 2. Enter the actual amount. If "no cost", enter "0".	
Conditional	JIL04	128 Reference Number Qualifier Code qualifying the Reference Number. L4 Proposal Reference Number <i>Code Value Implementation Note:</i> Use code "L4" to qualify a place in the proposal where additional information can be found.	C ID 2/2
Conditional	JIL05	127 Reference Number Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	C AN 1/30

DEPARTMENT OF DEFENSE
DRAFT IMPLEMENTATION CONVENTION

805 - CONTRACT PRICING PROPOSAL
JIL - LINE ITEM DETAIL FOR THE OPERATING EXPENSE STATEMENT

ANSI ASC X12 VERSION/RELEASE 003030DOD_

Implementation Note:

The actual citation of the paragraph number in the proposal where additional information can be found:
Block 8e of the SF 1411.

Not Used

JIL06 373 Date

O DT 6/6

805 - CONTRACT PRICING PROPOSAL
LIN - ITEM IDENTIFICATION

ANSI ASC X12 VERSION/RELEASE 003030000

Optional

Segment: LIN Item Identification

Level: Header

Loop: CBS

Usage: Optional

Max Use: 1

Purpose: To specify basic item identification data.

- Syntax:**
1. C0405 — If LIN04 is present, then LIN05 is required.
 2. C0607 — If LIN06 is present, then LIN07 is required.
 3. C0809 — If LIN08 is present, then LIN09 is required.
 4. C1011 — If LIN10 is present, then LIN11 is required.
 5. C1213 — If LIN12 is present, then LIN13 is required.
 6. C1415 — If LIN14 is present, then LIN15 is required.
 7. C1617 — If LIN16 is present, then LIN17 is required.
 8. C1819 — If LIN18 is present, then LIN19 is required.
 9. C2021 — If LIN20 is present, then LIN21 is required.
 10. C2223 — If LIN22 is present, then LIN23 is required.
 11. C2425 — If LIN24 is present, then LIN25 is required.
 12. C2627 — If LIN26 is present, then LIN27 is required.
 13. C2829 — If LIN28 is present, then LIN29 is required.
 14. C3031 — If LIN30 is present, then LIN31 is required.

Semantic: LIN01 is the line item identification

- Comments:**
1. See the Data Dictionary for a complete list of ID's.
 2. LIN02 through LIN31 provide for fifteen (15) different product/service ID's for each item. For Example: Case, Color, Drawing No., UPC No., ISBN No., Model No., SKU.

Data Element Summary

	REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES		
Not Used	LIN01	350	Assigned Identification	O	AN	1/11
Mandatory	LIN02	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234).	M	ID	2/2
Implementation Note: Use any applicable code. However, use code "FS" for the National Stock Number; use code "VP" for the seller's part number; use code "FT" for the Federal Stock Classification; and use code "SV" when describing a service.						
Mandatory	LIN03	234	Product/Service ID Identifying number for a product or service.	M	AN	1/30

DEPARTMENT OF DEFENSE
DRAFT IMPLEMENTATION CONVENTION

ANSI ASC X12 VERSION/RELEASE 003030DOD_

805 - CONTRACT PRICING PROPOSAL
LIN - ITEM IDENTIFICATION

Implementation Note: <i>LIN02 03 and successive pairs can be used with any codes. Block 8b of the SF 1411.</i>						
Optional	LIN04	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234).	O	ID	2/2
Conditional	LIN05	234	Product/Service ID Identifying number for a product or service.	C	AN	1/30
Optional	LIN06	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234).	O	ID	2/2
Conditional	LIN07	234	Product/Service ID Identifying number for a product or service.	C	AN	1/30
Optional	LIN08	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234).	O	ID	2/2
Conditional	LIN09	234	Product/Service ID Identifying number for a product or service.	C	AN	1/30
Optional	LIN10	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234).	O	ID	2/2
Conditional	LIN11	234	Product/Service ID Identifying number for a product or service.	C	AN	1/30
Optional	LIN12	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234).	O	ID	2/2
Conditional	LIN13	234	Product/Service ID Identifying number for a product or service.	C	AN	1/30
Optional	LIN14	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234).	O	ID	2/2
Conditional	LIN15	234	Product/Service ID Identifying number for a product or service.	C	AN	1/30
Optional	LIN16	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234).	O	ID	2/2
Conditional	LIN17	234	Product/Service ID Identifying number for a product or service.	C	AN	1/30
Optional	LIN18	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234).	O	ID	2/2
Conditional	LIN19	234	Product/Service ID	C	AN	1/30

805 - CONTRACT PRICING PROPOSAL
LIN - ITEM IDENTIFICATION

ANSI ASC X12 VERSION/RELEASE 003030DOD

			Identifying number for a product or service.			
Optional	LIN20	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234).	O	ID	2/2
Conditional	LIN21	234	Product/Service ID Identifying number for a product or service.	C	AN	1/30
Optional	LIN22	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234).	O	ID	2/2
Conditional	LIN23	234	Product/Service ID Identifying number for a product or service.	C	AN	1/30
Optional	LIN24	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234).	O	ID	2/2
Conditional	LIN25	234	Product/Service ID Identifying number for a product or service.	C	AN	1/30
Optional	LIN26	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234).	O	ID	2/2
Conditional	LIN27	234	Product/Service ID Identifying number for a product or service.	C	AN	1/30
Optional	LIN28	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234).	O	ID	2/2
Conditional	LIN29	234	Product/Service ID Identifying number for a product or service.	C	AN	1/30
Optional	LIN30	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234).	O	ID	2/2
Conditional	LIN31	234	Product/Service ID Identifying number for a product or service.	C	AN	1/30

Optional Segment: **MSG** Message Text
 Level: Header
 Loop: CBS
 Usage: Optional
 Max Use: >1
 Purpose: To provide a free form format that would allow the transmission of text information.
 Comment: MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.
 Implementation Note:
 Provides free-form text capability to describe the line item being proposed.

Data Element Summary

	REF. DET.	DATA ELEMENT	NAME	ATTRIBUTES
Mandatory	MSG01	933	Free-Form Message Text Free-form message text.	M AN 1/264
			<i>Implementation Note:</i> <i>MSG01 will carry a free form text description of the cited line item; Block 8b of the SF 1411.</i>	
Not Used	MSG02	934	Printer Carriage Control Code	O ID 2/2

805 - CONTRACT PRICING PROPOSAL
CB1 - CONTRACT AND COST ACCOUNTING STANDARDS DATA

ANSI ASC X12 VERSION/RELEASE 003030DOD

Optional	Segment: CB1 Contract and Cost Accounting Standards Data			
	Level: Header Loop: CB1 Repeat: >1 Usage: Optional Max Use: 1 Purpose: To specify contract and cost accounting standards data			
Mandatory	Data Element Summary			
	REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
Mandatory	CB101	1309	Pricing Proposal Data Code Code identifying pricing proposal data	M ID 2/2
	Implementation Notes: 1. Use any code. 2. One of the codes from each of the following groups MUST be present in original, duplicate or re-submission transaction sets: code ("01" or "02"), code ("03" or "04"), code ("05" or "06"), code ("07" or "08"), code ("09" or "10"), code ("11", "12", or "13"), code ("14" or "15"), code ("16" or "17"). Therefore, there must be 8 iterations of the CB1 Segment. 3. When CB101 is code "01", use the following MSG and N9 Segments to provide identification of the required property. 4. When CB101 is code "03", CB102 is required. 5. When CB101 is code "05", identify items, contract numbers, and customers in the following MSG and N9 Segments and the embedded N1 Loop. 6. When CB101 is code "08", "10", "14", or "17", use the following MSG Segment to explain. 7. When CB101 is either code "11" or code "12", indicate office to which submitted in the following embedded N1 Loop.			
Optional	CB102	1310	Financing Type Code Code identifying the type of contract financing required by the submitter of a pricing proposal	O ID 1/1
	Implementation Note: When CB101 is code "03" (contract financing required), CB102 is required.			

Optional

Segment: **MSG** Message Text

Level: Header

Loop: CB1

Usage: Optional

Max Use: >1

Purpose: To provide a free form format that would allow the transmission of text information.

Comment: MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.

Implementation Note:

Provides for a free-form text explanation for data carried in the CB1 loop.

Data Element Summary

Mandatory

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
MSG01	933	Free-Form Message Text Free-form message text.	M AN 1/264

Implementation Note:

Use to explain when CB101 is code "01", "05", "08", "10", "14", or "17".

Not Used

MSG02	934	Printer Carriage Control Code	O ID 2/2
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805 - CONTRACT PRICING PROPOSAL
N9 - REFERENCE NUMBER

ANSI ASC X12 VERSION/RELEASE 003030000

Optional	Segment: N9 Reference Number				
	Level: Header				
	Loop: CB1				
	Usage: Optional				
	Max Use: >1				
	Purpose: To transmit identifying numbers and descriptive information as specified by the reference number qualifier				
	Syntax: R0203 — At least one of N902 or N903 is required.				
	Implementation Note: Provides clarifying numbers.				
	Data Element Summary				
	REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES	
Mandatory	N901	128	Reference Number Qualifier Code qualifying the Reference Number.	M	ID 2/2
	Implementation Notes: 1. Use any code. 2. When CB101 is code "01", although any code may be used, codes "NS", "MF", "PM", or "CH" are preferred. 3. When CB101 is code "05", use code "CT" for the contract number and one of the following preferred codes: "MF", "NS", "PM", "C7", "CH", "ZZ". 4. Code "ZZ" is used to indicate a service.				
Conditional	N902	127	Reference Number Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	C	AN 1/30
	Implementation Note: The actual number for the qualifier codes specified in N901; Blocks 10 and 12 of the SF 1411.				
Conditional	N903	369	Free-form Description Free-form descriptive text.	C	AN 1/45
	Implementation Notes: 1. A free form text description elaborating on the reference number in N902. 2. When N901 is code "ZZ", N903 is required.				
Not Used	N904	373	Date	O	DT 6/6
Not Used	N905	337	Time	O	TM 4/6

ANSI ASC X12 VERSION/RELEASE 003030DOD_

Optional

Segment: **N1 Name**

Level: Header

Loop: CB1/N1 Repeat: >1

Usage: Optional

Max Use: 1

Purpose: To identify a party by type of organization, name and code

Syntax: 1. R0203 — At least one of N102 or N103 is required.

2. P0304 — If either N103 or N104 is present, then the other is required.

Comment: This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.

Implementation Notes:

1. Use of N101, N103 and N104 to describe an address is preferred. Use N102 and Segments N2 through N4 only when an address cannot be described using a CAGE code or a DoDAAC.
2. Use to provide addresses when required in response to a specific question (e.g., when proposing party has done the same or similar work before, or when a disclosure statement has been submitted).

Data Element Summary

Mandatory

REP. DES.	DATA ELEMENT	NAME	ATTRIBUTES
N101	98	Entity Identifier Code	M ID 2/2
		Code identifying an organizational entity, a physical location, or an individual	
		KB Customer for Whom Same or Similar Work Was Performed	
		Code Value Implementation Note:	
		Use code "KB" when CB101 is code "05".	
		KC Party That Received Disclosure Statement	
		Code Value Implementation Note:	
		Use code "KC" when CB101 is either code "11" or code "12".	

Conditional

N102	93	Name	C AN 1/35
		Free-form name.	

Implementation Note:

Use only when the entity cannot be identified by using either a CAGE code or a DoDAAC.

Conditional

N103	66	Identification Code Qualifier	C ID 1/2
		Code designating the system/method of code structure used for Identification Code (67).	

Implementation Notes:

1. When N101 is code "KB", use code "10" or Code "33" as appropriate, if known.
2. When N101 is code "KC", use code "10", if known.

10 Department of Defense Activity Address Code (DODAAC)

33 Commercial and Government Entity (CAGE)

9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix

805 • CONTRACT PRICING PROPOSAL
N1 • NAME

ANSI ASC X12 VERSION/RELEASE 003030DOD_

C AN 2/17

Conditional

N104

67

Identification Code

Code identifying a party or other code.

Implementation Note:

The actual "CAGE" code or DoDAAC.

Optional Segment: **N2** Additional Name Information
 Level: Header
 Loop: CB1/N1
 Usage: Optional
 Max Use: 2
 Purpose: To specify additional names or those longer than 35 characters in length

Data Element Summary

	REF. DET.	DATA ELEMENT	NAME	ATTRIBUTES		
Mandatory	N201	93	Name Free-form name.	M	AN	1/35
Optional	N202	93	Name Free-form name.	O	AN	1/35

805 - CONTRACT PRICING PROPOSAL
N3 - ADDRESS INFORMATION

ANSI ASC X12 VERSION/RELEASE 003030D00

Optional

Segment: N3 Address Information
Level: Header
Loop: CB1/N1
Usage: Optional
Max Use: 2
Purpose: To specify the location of the named party

Data Element Summary

	REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES		
Mandatory	N301	166	Address Information Address information	M	AN	1/35
Optional	N302	166	Address Information Address information	O	AN	1/35

ANSI ASC X12 VERSION/RELEASE 003030DOD_

Segment: N4 Geographic Location
Level: Header
Loop: CB1/N1
Usage: Optional
Max Use: 1
Purpose: To specify the geographic place of the named party
Syntax: 1. R0105 — At least one of N401 or N405 is required.
2. P0506 — If either N405 or N406 is present, then the other is required.
Comments: 1. A combination of either N401 through N404 (or N405 and N406) may be adequate to specify a location.
2. N402 is required only if city name (N401) is in the USA or Canada.

Data Element Summary

	REP. DES.	DATA ELEMENT	NAME	ATTRIBUTES		
Conditional	N401	19	City Name Free-form text for city name.	C	AN	2/30
Optional	N402	156	State or Province Code Code (Standard State/Province) as defined by appropriate government agency.	O	ID	2/2
Optional	N403	116	Postal Code Code defining international postal zone code excluding punctuation and blanks (zip code for United States).	O	ID	3/9
Optional	N404	26	Country Code Code identifying the country.	O	ID	2/3
Not Used	N405	309	Location Qualifier	C	ID	1/2
Not Used	N406	310	Location Identifier	C	AN	1/25

Optional

Segment: **PL** Proposal Cost Logic

Level: Detail

Loop: _____

Usage: Optional

Max Use: >1

Purpose: To describe the cost logic used when pricing a particular aspect of a proposal

Semantic: 1. PL01 is the logic sequence number.

2. PL03 is the name of the cost element being proposed.

3. PL05 is a text description of the cost element contained in PL03.

Implementation Notes:

1. The PL Segment should be used in a "bottom-up" approach, (e.g., if total direct labor dollars is composed of engineering labor dollars plus manufacturing labor dollars, then the calculation formula for these must be presented in the transaction set before the calculation for the direct labor dollars).

EXAMPLE:

PL*1*DO*TDEL*E*TOTAL DIRECT ENGINEERING LABOR*2 NIL
PL*2*HR*TDELH*M*TOTAL DIRECT ENGINEERING LABOR HOURS NIL
PL*3*A8*ELR*F*ENGINEERING LABOR RATE NIL
PL*4*DO*TDML*E*TOTAL DIRECT MANUFACTURING LABOR*3 NIL
PL*5*HR*TDMLH*M*TOTAL DIRECT MANUFACTURING LABOR HOURS NIL
PL*6*A8*MLR*F*MANUFACTURING LABOR RATE NIL
PL*7*DO*TDL*E*TOTAL DIRECT LABOR*1 NIL
PL*8*DO*TDEL*A NIL
PL*9*DO*TDML*F NIL

2. If the proposed labor rates are at a lower level, e.g., by engineering labor category or by department, then the PL Segments must start at that lower level to conform to the "bottom-up" convention.

3. When doing direct input, (dollars, rates or hours to be displayed), array the PL Segments as in this example:

PL*1*DO*DI*E*DIRECT INPUT*1 NIL
PL*2*DO*DI*F NIL

4. Use of the number "1" in PL06 of the first iteration of the PL Segment in the example above, indicates its order on the cost summary; i.e., it would be displayed first.

5. This segment is required in original, duplicate or resubmission transaction sets, e.g., when BCP01 is code "00", "07" or "15".

6. Not used in "no cost" proposals, (e.g., no accounting formulas).

7. Data maintenance has been submitted to add PL06 (data element 609 - Count). This data element will be used when PL02 is code "DO" and PL04 is code "E" and it is desired to display the dollar amounts on the cost summary.

Data Element Summary

DEPARTMENT OF DEFENSE
DRAFT IMPLEMENTATION CONVENTION

ANSI ASC X12 VERSION/RELEASE 003030DOD

805 - CONTRACT PRICING PROPOSAL
PL - PROPOSAL COST LOGIC

	REP DTE	DATA ELEMENT	NAME	ATTRIBUTES
Mandatory	PL01	554	Assigned Number Number assigned for differentiation within a transaction set.	M NO 1 6
Implementation Note: A progressive number starting with the number "1", to provide a logic sequence for each iteration of the PL Segment. (e.g., 1, 2, 3, etc.).				
Mandatory	PL02	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	M ID 2/2
Implementation Notes: 1. Use any code. 2. Use code "ZZ" for other non-hour units.				
Mandatory	PL03	93	Name Free-form name.	M AN 1/35
Implementation Notes: 1. The "short-hand" name given to the value that appears in a cost or price proposal. 2. The source of the data, (e.g., DLH or the number 24680 might be the "short-hand" name for direct labor hours). These unique short-hand names are assigned by the originator of the transaction set and should have a basis in the originator's accounting system.				
Mandatory	PL04	1311	Calculation Operation Code Code identifying what type of calculation will take place	M ID 1/1
Implementation Note: Any code may be used.				
Optional	PL05	352	Description A free-form description to clarify the related data elements and their content.	O AN 1/80
Implementation Note: The "long-hand" description for the "short-hand" name carried in PL03. (e.g., if the proposing party carries "DLH" in PL03, then PL05 will carry Direct Labor Hours in free form text. This now identifies that "DLH" equals Direct Labor Hours in the proposing party's accounting system. The description is only required when the "NAME" data element (PL03) is first used within the flow of segments within the transaction set. After that, the value may be referred to by its "short-hand" name only.				

805 - CONTRACT PRICING PROPOSAL
HL - HIERARCHICAL LEVEL

ANSI ASC X12 VERSION/RELEASE 003030000

Optional	Segment: HL Hierarchical Level		
	Level: Detail Loop: HL Repeat: >1 Usage: Optional Max Use: 1 Purpose: To identify dependencies among and the content of hierarchically related groups of data segments. Comments: 1. The HL Segment is used to identify levels of detail information using a Hierarchical Structure, such as relating line item data to shipment data, and packaging data to line item data. 2. The HL segment defines a top-down/left-right ordered structure. 3. HL01 shall contain a unique alphanumeric number for each occurrence of the HL segment in the transaction set. For example HL01 could be used to indicate the number of occurrences of the HL segment, in which case the value of HL01 would be "1" for the initial HL segment, and would be incremented by one in each subsequent HL segment within the transaction. 4. HL02 identifies the Hierarchical ID Number of the HL segment to which the current HL segment is subordinate. 5. HL03 indicates the context of the series of segments following the current HL segment up to the next occurrence of an HL segment in the transaction. For example, HL03 is used to indicate that subsequent segments in the HL loop form a logical grouping of data referring to shipment, order or item level information. 6. HL04 indicates whether or not there are subordinate (or child) HL segments related to the current HL segment.		

Implementation Note:

This segment is used to describe the "tree" structures associated with the proposal (e.g., contract line item, work breakdown structure, statement of work).

Data Element Summary

	REP DES	DATA ELEMENT	NAME	ATTRIBUTES
Mandatory	HL01	628	Hierarchical ID Number A unique number assigned by the sender to identify a particular data segment in a hierarchical structure.	M AN 1 12
	Implementation Note: <i>A unique and progressive number assigned by the originator of the transaction set. Start with the number "1", (e.g., 1, 2, 3, etc.).</i>			
Optional	HL02	734	Hierarchical Parent ID Number Identification number of the next higher hierarchical data segment that the data segment being described is subordinate to.	O AN 1/12

Mandatory	<p>Implementation Note: This data element is not used in the first iteration of the HL loop. In the second and subsequent iterations of the HL loop, HL02 will carry the hierarchical I.D. number contained in the parent HL01 data element.</p>		
	HL03 735	Hierarchical Level Code Code defining the characteristic of a level in a hierarchical structure.	M ID 1/2
Optional	<p>Implementation Note: Level codes will be used to indicate how a proposing party might array a cost structure.</p> <p>56 Statement of Work CC Cost Center CE Cost Element DP Department I Item</p> <p>Code Value Implementation Note: Use code "I" for the contract line item.</p> <p>PC Project Code SC Subcontract Line Item WB Work Breakdown Structure ZZ Mutually Defined</p> <p>Code Value Implementation Note: Use code "ZZ" to define another unspecified level.</p>		
	HL04 736	Hierarchical Child Code Code indicating whether if there are hierarchical child data segments subordinate to the level being described.	O ID 1/1
	<p>0 No Subordinate HL Segment in This Hierarchical Structure.</p> <p>Code Value Implementation Note: Use code "0" to indicate the level described in HL03 has no subordinate level.</p>		
	<p>1 Additional Subordinate HL Data Segment in This Hierarchical Structure.</p> <p>Code Value Implementation Note: Use code "1" to indicate the level described in HL03 has a subordinate level.</p>		

805 - CONTRACT PRICING PROPOSAL
REF - REFERENCE NUMBERS

ANSI ASC X12 VERSION/RELEASE 003030D00

Optional	Segment: REF Reference Numbers				
	Level: Detail				
	Loop: HL				
	Usage: Optional				
	Max Use: 1				
Mandatory	Purpose: To specify identifying numbers.				
	Syntax: R0203 — At least one of REF02 or REF03 is required.				
	Implementation Note:				
	At least one REF segment carrying an appropriate reference number should be present for each iteration of the HL loop.				
	Data Element Summary				
Mandatory	REF DES.	DATA ELEMENT	NAME	ATTRIBUTES	
	REF01	128	Reference Number Qualifier Code qualifying the Reference Number.	M	ID 2/2
	Implementation Note:				
	When REF01 is code "ZZ", explain in REF03.				
	73 Statement of Work (SOW) 74 Work Breakdown Structure (WBS) 75 Organization Breakdown Structure 79 Cost Account 91 Cost Element C7 Contract Line Item Number K8 Project Number L6 Subcontract Line Item Number ZZ Mutually Defined				
Conditional	Code Value Implementation Note:				
	Use code "ZZ" for an unlisted type number.				
	REF02	127	Reference Number Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	C	AN 1/30
	Implementation Note:				
	The actual assigned number (e.g., SOW paragraph, cost center, etc.) in the hierarchical structure.				
Conditional	REF03	352	Description A free-form description to clarify the related data elements and their content.	C	AN 1/80

Optional

Segment: **PD Proposal Data**

Level: Detail

Loop: PD Repeat: >1

Usage: Optional

Max Use: 1

Purpose: To describe the proposal pricing basic input detail

Semantic: 1. PD01 is the unit of the time period contained in PD02.

2. PD02 is the date of the start of the time period in PD01.

3. PD04 is the quantity of the unit of measurement in PD03.

4. PD05 is the name of the cost element being proposed.

5. PD06 is the description of the name of the cost element being proposed.

Implementation Notes:

1. This segment is required in original, duplicate or resubmission transaction sets, e.g., when BCP01 is code "00", "07" or "15".

2. Data maintenance has been submitted to add PD08 (data element 127 - Reference Number), PD09 (data element 352 - Description), and PD10 (data element 1413 - Proposal Data Detail Qualifier Code). PD08 will be used to associate the proposed value to its corresponding backup data found elsewhere in the proposal. PD09 will be used as a free form text description of the data being prepared (e.g., labor rates, overhead rates, etc.). PD10 will be used to qualify the nature of the proposal values as estimated, actual, negotiated or mixed.

Data Element Summary

REP. DES.	DATA ELEMENT	NAME	ATTRIBUTES
Mandatory	PD01 344	Unit of Time Period or Interval Code indicating the time period or interval	M ID 2/2
Implementation Notes:			
1. The Unit of Time Period is the period of time represented by one value carried in a following PDD02 or PDD03, or PDD04			
2. Use any applicable code.			
Mandatory	PD02 373	Date Date (YYMMDD).	M DT 6/6
Mandatory	PD03 355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	M ID 2/2
Implementation Note:			
While any code can be used, typically codes "DO" (Dollars), "HR" (Hours), "UN" (Units), "A8" (Dollars per Hour) or "PI" (Percent) will be used.			
Mandatory	PD04 380	Quantity Numeric value of quantity.	M R 1/15

805 - CONTRACT PRICING PROPOSAL
PD - PROPOSAL DATA

ANSI ASC X12 VERSION/RELEASE 003030D00

Mandatory	PD05	93	Name	M AN 1/35
Free-form name.				
Implementation Note: The quantity of the period of time specified in PD01. For example: If the proposing party wanted to provide one calendar years worth of dollar data broken down by quarters, then PD01 would carry code "QY" for quarter, PD03 would carry code "DO" for dollars, and PD04 would carry the number "4" indicating the number of quarters.				
Mandatory	PD06	352	Description	M AN 1/80
A free form description to clarify the related data elements and their content.				
Implementation Notes: 1. Use for the free form text "long-hand" description of the "short-hand" name carried in PD05. 2. Data maintenance has been submitted to change this data element from mandatory to optional.				
Optional	PD07	1196	Breakdown Structure Detail Code	O ID 2/2
Codes identifying details relating to a reporting breakdown structure tree.				
Implementation Note: This data element will be typically used when PD03 is code "DO", or code "HR".				
26 Recurring				
Code Value Implementation Note: Use code "26" to indicate the values in the following PDD Segment are recurring.				
27 Nonrecurring				
Code Value Implementation Note: Use code "27" to indicate the values in the following PDD Segment are non recurring.				
ZZ Mutually Defined				
Code Value Implementation Note: Use code "ZZ" to indicate that the values in the following PDD Segment are both recurring and non recurring.				

Data Maintenance action has been submitted to add the SPI Segment in Table 2, Position 045 as an optional segment with a maximum use of 1.

Use of the SPI Segment in Table 2 of the 805 Contract Pricing Proposal Transaction Set will be optional and will permit the originating party to identify and attach a security level and/or classification to the specific items of data requiring protection (as is required by the Department of Defense Regulations). Use of this segment at this position will enable the originator to "MARK" specific data with its security level and/or classification when these vary within a proposal.

This segment will be only used to identify the highest level of government classification and/or company internal security level assigned to the data requiring protection. Government non-classified and internal company non-protected data need not be identified in this segment.

Data elements SPI01, SPI02, SPI03 SPI09, and SPI13 will be used with SPI09 being required.

SPI01 will carry the same codes as those used in the Table 1 SPI01 and they will denote the highest level government classification assigned to the data requiring protection.

SPI02 will carry the code "91" and it will be used to qualify the short-hand cost element name/number carried in PD05 which identifies the data to which the security level or classification pertains.

SPI03 will carry the actual data sequence number contained in PD05 for the data requiring protection.

SPI09 will carry the same codes as those used in the Table 1 SPI09 and they will denote the highest company internal security level assigned by the proposing party.

Data maintenance action has been submitted to add SPI13 (data element 1412 - Certification Code) to the SPI segment. This data element will be used for the proposer to certify the Cost and Pricing Data and/or the Overhead Rates contained in the proposal. It can also be used to indicate that no certification is required.

ANSI ASC X12 VERSION/RELEASE 003030DOD_

Optional	Segment: REF Reference Numbers				
	Level: Detail				
	Loop: PD				
	Usage: Optional				
	Max Use: 3				
Purpose: To specify identifying numbers.					
Syntax: R0203 — At least one of REF02 or REF03 is required.					
Implementation Notes:					
1. Use up to the maximum iterations (3) of this segment to provide identifiers for the values being proposed in the PDD segment.					
2. Data maintenance has been submitted to increase the maximum use of this segment from 3 to 5.					
Data Element Summary					
	REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES	
Mandatory	REF01	128	Reference Number Qualifier Code qualifying the Reference Number.	M	ID 2/2
			73 Statement of Work (SOW)		
			74 Work Breakdown Structure (WBS)		
			75 Organization Breakdown Structure		
			79 Cost Account		
			91 Cost Element		
			C7 Contract Line Item Number		
			K8 Project Number		
			L6 Subcontract Line Item Number		
			ZZ Mutually Defined		
Code Value Implementation Note: Use code "ZZ" for an unlisted type number.					
Conditional	REF02	127	Reference Number Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	C	AN 1/30
Implementation Note: The actual number (e.g., WBS Level, CLIN, SOW paragraph number, accompanying 251 Transaction Set number, etc.).					
Not Used	REF03	352	Description	C	AN 1/80

805 - CONTRACT PRICING PROPOSAL
PDD - PROPOSAL DATA DETAIL

ANSI ASC X12 VERSION/RELEASE 003030D0D

Optional

Segment: PDD Proposal Data Detail
Level: Detail
Loop: PD
Usage: Optional
Max Use: >1
Purpose: To provide the rates, direct input, and pricing factors for each element of work, cross-referenced to the applicable parts of a pricing proposal
Syntax: R020304 — At least one of PDD02, PDD03 or PDD04 is required.
Semantic: PDD01 is a sequential number assigned by the initiator.

Implementation Notes:
1. This segment is required in original, duplicate or resubmission transaction sets, e.g., when BCP01 is code "00", "07" or "15".
2. ONLY ONE of PDD02, PDD03, or PDD04 is permitted in each iteration of the PDD Segment.
3. The number of iterations of the PDD Segment within each PD Loop must be equal to the number carried in PD04 for each iteration of the PD Loop.
4. Data maintenance has been submitted to add PDD05 (Data Element 1413 - Proposal Data Detail Qualifier Code). This data element will be used to qualify the nature of the proposal data as estimated, actual, or negotiated.

Data Element Summary

	REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
Mandatory	PDD01	350	Assigned Identification Alphanumeric characters assigned for differentiation within a transaction set.	M AN 1/11
	Implementation Note: A unique sequence number (starting with the number "1" and going progressively higher as applicable) assigned by the originator of the transaction set.			
Conditional	PDD02	380	Quantity Numeric value of quantity.	C R 1/15
	Implementation Note: The actual quantity of the value being proposed as described in the PD Segment.			
Conditional	PDD03	782	Monetary Amount Monetary amount.	C R 1/15
	Implementation Note: The actual monetary amount of the value being proposed as described in the PD Segment.			
Conditional	PDD04	954	Percent Percentage expressed as a decimal	C R 1/10
	Implementation Note: The actual rate (provided the rate is expressed as a percent) of the value being proposed as described in the PD Segment.			

Optional	Segment:	MSG Message Text
	Level:	Detail
	Loop:	PD
	Usage:	Optional
	Max Use:	>1
	Purpose:	To provide a free form format that would allow the transmission of text information.
	Comment:	MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.

Data Element Summary

	REF. DET.	DATA ELEMENT	NAME	ATTRIBUTES
Mandatory	MSG01	933	Free-Form Message Text Free-form message text.	M AN 1/264
Implementation Note: Use to provide free form text explanations and clarifications, i.e., formula derivation, basis of estimate, source of escalation factor, citation of accompanying schedule containing back-up data, or any other circumstance that calls for a free form note.				
Not Used	MSG02	934	Printer Carriage Control Code	O ID 2/2

805 - CONTRACT PRICING PROPOSAL
N1 - NAME

ANSI ASC X12 VERSION/RELEASE 003030D00

Optional

Segment: N1 Name
Level: Detail
Loop: PD/N1 Repeat: >1
Usage: Optional
Max Use: 1
Purpose: To identify a party by type of organization, name and code
Syntax: 1. R0203 — At least one of N102 or N103 is required.
2. P0304 — If either N103 or N104 is present, then the other is required.
Comment: This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.

Implementation Note:

Use the N1 Loop only to provide address and reference number data when the proposal contains discreet values, (e.g., subcontract costs, inter-divisional transfers, etc.).

Data Element Summary

	REP. DES.	DATA ELEMENT	NAME	ATTRIBUTE
Mandatory	N101	98	Entity Identifier Code Code identifying an organizational entity, a physical location, or an individual 28 Subcontractor C4 Contract Administration Office DV Division Code Value Implementation Note: Use code "DV" to qualify an inter divisional transfer.	M ID 2/2
Conditional	N102	93	Name Free-form name.	C AN 1/35
			Implementation Note: Use when the subcontractor cannot be described using a "CAGE code."	
Conditional	N103	66	Identification Code Qualifier Code designating the system/method of code structure used for Identification Code (67).	C ID 1/2
			Implementation Note: Only code "33" may be used.	
Conditional	N104	67	Identification Code Code identifying a party or other code.	C AN 2/17
			Implementation Note: The actual "CAGE" code of the subcontractor.	

Optional

Segment: **N2** Additional Name Information

Level: Detail

Loop: PD/N1

Usage: Optional

Max Use: 2

Purpose: To specify additional names or those longer than 35 characters in length

Implementation Note:

Use only when the subcontractor name and address cannot be provided using a "CAGE" code.

Data Element Summary

	REP. DES.	DATA ELEMENT	NAME	ATTRIBUTES		
Mandatory	N201	93	Name Free-form name.	M	AN	1/35
Optional	N202	93	Name Free-form name.	O	AN	1/35

805 - CONTRACT PRICING PROPOSAL
N3 - ADDRESS INFORMATION

ANSI ASC X12 VERSION/RELEASE 003030000

Optional

Segment: N3 Address Information
Level: Detail
Loop: PD/N1
Usage: Optional
Max Use: 2
Purpose: To specify the location of the named party

Implementation Note:

Use only when the subcontractor name and address cannot be provided using a "CAGE" code.

Data Element Summary

	REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES		
Mandatory	N301	166	Address Information Address information	M	AN	1/35
Optional	N302	166	Address Information Address information	O	AN	1/35

Optional	Segment: N4 Geographic Location
	Level: Detail
	Loop: PD/N1
	Usage: Optional
	Max Use: 1
	Purpose: To specify the geographic place of the named party
	Syntax: 1. R0105 — At least one of N401 or N405 is required.
	2. P0506 — If either N405 or N406 is present, then the other is required.
	Comments: 1. A combination of either N401 through N404 (or N405 and N406) may be adequate to specify a location.
	2. N402 is required only if city name (N401) is in the USA or Canada.
Implementation Note:	
Use only when the subcontractor name and address cannot be provided using a "CAGE" code.	

Data Element Summary

	REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES		
Conditional	N401	19	City Name Free-form text for city name.	C	AN	2/30
Optional	N402	156	State or Province Code Code (Standard State/Province) as defined by appropriate government agency.	O	ID	2/2
Optional	N403	116	Postal Code Code defining international postal zone code excluding punctuation and blanks (zip code for United States).	O	ID	3/9
Optional	N404	26	Country Code Code identifying the country.	O	ID	2/3
Not Used	N405	309	Location Qualifier	C	ID	1/2
Not Used	N406	310	Location Identifier	C	AN	1/25

805 - CONTRACT PRICING PROPOSAL
REF - REFERENCE NUMBERS

ANSI ASC X12 VERSION/RELEASE 003030D00

Optional	Segment: REF Reference Numbers					
	Level: Detail					
	Loop: PD/N1					
	Usage: Optional					
	Max Use: >1					
	Purpose: To specify identifying numbers.					
	Syntax: R0203 — At least one of REF02 or REF03 is required.					
	Implementation Note:					
	This segment is used to provide reference numbers associated with an address.					
	Data Element Summary					
	REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES		
Mandatory	REF01	128	Reference Number Qualifier Code qualifying the Reference Number.	M	ID	2/2
	Implementation Note:					
	Use any code.					
Conditional	REF02	127	Reference Number Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	C	AN	1/30
	Implementation Note:					
	The actual reference number of the item qualified (e.g., part number, services, etc.).					
Conditional	REF03	352	Description A free-form description to clarify the related data elements and their content.	C	AN	1/80
	Implementation Note:					
	Use for free form description to clarify reference.					

ANSI ASC X12 VERSION/RELEASE 003030D00_

Optional	Segment: LX Assigned Number																		
	Level: Summary																		
	Loop: LX Repeat: 2																		
	Usage: Optional																		
	Max Use: 1																		
	Purpose: To reference a line number in a transaction set.																		
	Implementation Note: This segment is required in original, duplicate or resubmission transaction sets, e.g., when BCP01 is code "00", "07" or "15".																		
	<div>Data Element Summary</div> <table><tr><th>REF. DEL.</th><th>DATA ELEMENT</th><th>NAME</th><th colspan="3">ATTRIBUTES</th></tr><tr><td>LX01</td><td>554</td><td>Assigned Number</td><td>M</td><td>NO</td><td>1/5</td></tr><tr><td></td><td></td><td colspan="4">Number assigned for differentiation within a transaction set.</td></tr></table>	REF. DEL.	DATA ELEMENT	NAME	ATTRIBUTES			LX01	554	Assigned Number	M	NO	1/5			Number assigned for differentiation within a transaction set.			
REF. DEL.	DATA ELEMENT	NAME	ATTRIBUTES																
LX01	554	Assigned Number	M	NO	1/5														
		Number assigned for differentiation within a transaction set.																	
Mandatory	Implementation Note: A unique sequence number, starting with the number "1", (e.g., 1, 2).																		

805 - CONTRACT PRICING PROPOSAL
G61 - CONTACT

ANSI ASC X12 VERSION/RELEASE 003030D0D

Optional

Segment: G61 Contact
Level: Summary
Loop: LX
Usage: Optional
Max Use: 1
Purpose: To identify a person or office to whom communications should be directed
Syntax: P0304 — If either G6103 or G6104 is present, then the other is required.
Comment: G6103 qualifies G6104.

Implementation Note:

This segment is required in original, duplicate or resubmission transaction sets, e.g., when BCP01 is code "00", "07" or "15".

Data Element Summary

	REF DES	DATA ELEMENT	NAME	ATTRIBUTES
Mandatory	G6101	366	Contact Function Code Code identifying the major duty or responsibility of the person or group named. AU Report Authorizer Code Value Implementation Note: Use code "AU" in a second iteration of the G61 Segment if another certifying party within the proposal issuing entity is submitting an alternate price proposal, different from the amounts carried in the first iteration of the LX Loop. CE Certifier Code Value Implementation Note: Use code "CE" for the certifying official; Block 15 of the SF 1411.	M ID 2/2
Mandatory	G6102	93	Name Free-form name.	M AN 1/35
			Implementation Note: Name of the offeror's certifying official or party authorizing an alternate lower total proposed price; Block 15 of the SF 1411.	
Conditional	G6103	365	Communication Number Qualifier Code identifying the type of communication number.	C ID 2/2
			Implementation Note: Only code "TE" may be used.	
Conditional	G6104	364	Communication Number Complete communications number including country or area code when applicable.	C AN 1/25
			Implementation Note: The actual telephone number of the certifying or authorizing party submitting an alternate lower total proposed price.	
Optional	G6105	443	Contact Inquiry Reference Additional reference number or description to clarify a contact number.	O AN 1/20

ANSI ASC X12 VERSION/RELEASE 003030DOD

Implementation Note:

The title of the certifying or authorizing party: Block 15 of the SF 1411.

805 - CONTRACT PRICING PROPOSAL
AMT - MONETARY AMOUNT

ANSI ASC X12 VERSION/RELEASE 003030DOD

Optional	Segment:	AMT Monetary Amount				
	Level:	Summary				
	Loop:	LX				
	Usage:	Optional				
	Max Use:	4				
	Purpose:	To indicate the total monetary amount.				
Data Element Summary						
	REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES		
Mandatory	AMT01	522	Amount Qualifier Code Code to qualify amount	M	ID	1/2
Implementation Notes:						
1. In the first iteration of the LX Loop, only codes "TC", "TD", "TE", "TF" and/or "MC" may be used. Either code "TD" or code "TE" may be used, but not both.						
2. If the proposing party is submitting an alternate lower offer than the sum of the amounts carried in AMT01 (code "TF"), a second iteration of the LX Loop is required using code "TG" in AMT01.						
			MC Cost of Money			
			TC Proposed Cost			
			TD Proposed Profit			
			TE Proposed Fee			
			TF Total Proposed Price			
			TG Alternate Proposed Price			
Mandatory	AMT02	782	Monetary Amount Monetary amount.	M	R	1/15
Implementation Notes:						
1. The actual amount represented by the qualifier code.						
2. When AMT01 is code "TF", the amount will equal the sum of the amounts representative of the AMT01 qualifier codes "TC", "TD" or "TE", and "MC"; Block 6c of the SF 1411.						

ANSI ASC X12 VERSION/RELEASE 003030DOD

Mandatory

Segment: **SE** Transaction Set Trailer

Level: Summary

Loop: _____

Usage: Mandatory

Max Use: 1

Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments).

Comment: SE is the last segment of each transaction set.

Data Element Summary

Mandatory

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES		
SE01	96	Number of Included Segments Total number of segments included in a transaction set including ST and SE segments.	M	NO	1/10
SE02	329	Transaction Set Control Number Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M	AN	4/9

Mandatory

Implementation Note:

SE02 carries the same unique control number as the one in ST02.

4.0 ASC X 12 FORMS

In this chapter, applicable ASC X12 forms are presented.

Rev. 9/14/92

ASC X12 WORK REQUEST FORM SUBMITTER INSTRUCTIONS

NOTE: ALL REQUESTS MUST BE TYPED OR PRINTED LEGIBLY IN BLACK INK. INCOMPLETE OR ILLEGIBLE WORK REQUESTS WILL BE RETURNED TO THE SUBMITTER.

Submit completed forms to: Technical Department, ASC X12 Secretariat, Data Interchange Standards Association, Inc., 1800 Diagonal Road, Suite 355, Alexandria, VA 22314-2852 or FAX (703) 548-5738. Submitters are notified of the status of the work request after it has been reviewed by X12J Technical Assessment Subcommittee.

1. TO USE THIS FORM TO REQUEST A CHANGE TO AN EXISTING STANDARD(S), use ONE Work Request (WR) Form to list all changes needed to meet one BUSINESS REASON. Otherwise use multiple forms. If more space is necessary, numbered attachments may be used for continuation.
2. TO USE THIS FORM FOR SUPPORTING DATA MAINTENANCE FOR A NEW DRAFT STANDARD, list all information on ONE form; use attachments as necessary. List first all new segments, then all new data elements/codes/code sources. Then list revisions to existing segments and data elements/codes/code sources; provide a business case for revisions to existing standards. Then list any others changes needed (e.g., X12.5, X12.6), including justification.
3. TO USE THIS FORM TO REQUEST A PROPOSED NEW X12 STANDARDS PROJECT, provide the business need and justification for the new project in Part D. The WR will be referred to an X12 subcommittee for analysis.

ADDITIONAL INFORMATION FOR COMPLETING THIS FORM:

PART A: SUBMITTER INFORMATION: The WR may represent the position of an individual, industry group, work group, X12 subgroup, etc. If the WR represents the position of an X12 subcommittee-related work group, the subcommittee chair must initial the WR.

PART B: REFERENCE USED: Indicate the version/release or edition of the standard you are using as a reference.

PART C: RAMIFICATIONS: List affected transaction sets, segments and data elements, or other standards. For a control standard, name the affected page and section number.

PART D: BUSINESS CASE/REASON FOR CHANGE: Provide a complete scenario that describes the business function/operation that will be satisfied by a change to the standard. Be specific, because this information will appear in the X12 membership ballot package and will be the only information that members have on which to base their vote. X12J Technical Assessment Subcommittee requires enough information to be able to propose an alternate solution to the one provided, if necessary.

PART E: PROPOSED WORK: List the specific changes being requested. Give the names and associated identifiers of the standards segments, data elements and codes affected by the changes. Definitions for new codes and for industry-specific terms must be complete. For new codes, provide a proposed code and a code definition. **RULES:** (1) Acronyms/abbreviations cannot be added to the standards—they must be spelled out. (2) Provide an expanded code definition for each code that is not completely self explanatory, that is, terms that are not in general business use or that are industry specific. (3) Provide code source references for all externally published (non-X12) code lists cited (use the Form for New or Revised Code Source Reference, page 2 of the form).

DEPARTMENT OF DEFENSE
DRAFT IMPLEMENTATION CONVENTION

Rev. 9/14/92

Date Submitted _____
(Submitter Provide)

DM NUMBER _____
(Secretariat Only)

ASC X12

WORK REQUEST FORM

A. SUBMITTER INFORMATION:

Submitter Name _____ Company _____

Address _____ Address/ZIP _____/ZIP +4 _____

Phone _____

Submission represents the position of: _____ SC Chair Initials: _____

B. REFERENCE USED: Version _____/Release _____/Subrelease _____ or Workbook (date) _____

C. RAMIFICATIONS:

Transaction Set(s) Used _____

Segment(s) Affected _____

Data Element(s) Affected _____

Other Standard(s) _____

D. BUSINESS CASE/REASON FOR CHANGE:

E. PROPOSED WORK:

Rev. 9/14/82
WR Form Page Two

DM NUMBER _____
(Secretariat Only)

FORM FOR NEW OR REVISED CODE SOURCE REFERENCE FOR X12.3 DATA ELEMENT DICTIONARY

INSTRUCTIONS: Complete this form whenever a new data element or data element code is requested to be added to Appendix A of *X12.3 Data Element Dictionary*, which references a code list published by an organization external to X12. Use one form for each new reference. This form may be used to revise current references; fill out the appropriate areas below.

PART 1: REFERENCE Circle 1 or 2 below. If 2, fill in the blank.

(1) NEW REFERENCE

(2) REVISED REFERENCE, Current reference number/name _____

PART 2: REFERENCE TITLE If there is only one source for codes for the data element, the title should be the same as the data element name. If there are multiple codes referencing external code sources for the same data element, title should approximate the code definition.

REFERENCE TITLE: _____

PART 3: DATA ELEMENTS USED IN Give the data element reference number and name which directs the user to this code source. Give the code ID (if assigned) if this is for a specific code of the data element.

USED IN: DE No. _____, Code ID _____

PART 4: SOURCE Provide the name of the publication which contains the codes referenced.

PUBLISHED IN: _____

PART 5: AVAILABLE FROM Give the publisher, or other contact, from whom the user can obtain the document.

AVAILABLE: Name/Attn of _____
Company _____
Address _____
Address _____
Address/ZIP _____/ZIP + 4 _____

PART 6: ABSTRACT Briefly describe the publication, its purpose, and indicate what codes it contains.

ABSTRACT: _____

5.0 GLOSSARY

This chapter contains ASC X12 and DoD specific glossaries.

5.1 X12 GLOSSARY

ANSI

American National Standards Institute

ANSI Standard

A document published by ANSI that has been approved through the consensus process of public announcement and review. Each of these standards must have been developed by an ANSI committee and must be revisited by that committee within 5 years for update. See Draft Standard for Trial Use (DSTU).

Area Transaction Set

Identifies a predefined area within a transaction set (header, detail, summary) containing segments and their various attributes.

ASC X12

Accredited Standards Committee, X12 comprises industry members who create EDI standards for submission to ANSI for subsequent approval and dissemination; or for submission to the UN/ECE for approval and submission of UN/EDIFACT standards.

Authentication

A mechanism which allows the receiver of an electronic transmission to verify the sender and the integrity of the content of the transmission through the use of an electronic "key" or algorithm which is shared by the trading partners. This is sometimes referred to as an electronic signature.

Compliance Checking

A checking process that is used to ensure that a transmission complies with ANSI X12 syntax rules.

Conditional (C)

A data element requirement designator which indicates that the presence of a specified data element is dependent on the value or presence of other data elements in the segment. The condition must be stated and must be computer processable.

Control Segment

A Control Segment has the same structure as a Data Segment but is used for transferring control information for grouping data segments. Control Segments are Loop Control Segments (LS/LE), Transaction Set Control Segments (ST/SE), and Functional Group Control Segments (GS/GE), defined in X12.6, and Interchange Control Segments (ISA/IEA/TA1) defined in X12.5.

Data Element

The basic units of information in the EDI standards containing a set of values that represent a singular fact. They may be single-character codes, literal descriptions, or numeric values.

Data Element Length

This is the range, minimum to maximum, of the number of character positions available to represent the value of a data element. A data element may be of variable length with range from minimum to maximum, or it may be of fixed length in which the minimum is equal to the maximum.

Data Element Reference Number

Reference number assigned to each data element as a unique identifier.

Data Element Requirement Designator

A code defining the need for a data element value to appear in the segment if the segment is transmitted. The X12 codes are mandatory (M), optional (O), or conditional (C). DoD may "require" a segment which is optional by X12 standards.

Data Element Separator

A unique character preceding each data element that is used to delimit data elements within a segment. DoD uses "*" as the delimiter.

Data Element Type

A data element may be one of six types: numeric, decimal, identifier, string, date, or time.

Delimiters

The delimiters consist of two levels of separators and a terminator. The delimiters are an integral part of the transferred data stream. Delimiters are specified in the interchange header and may not be used in a data element value elsewhere in the interchange. From highest to lowest level, the separators and terminator are segment terminator and data element separator.

DISA

Data Interchange Standards Association. A nonprofit organization funded by ASC X12 members which serves as the Secretariat for X12.

DSTU

Draft Standard for Trial Use. Represents a document approved for publication by the full X12 committee following membership consensus and subsequent resolution of negative votes. (Final Report of X12 Publications Task Group). The Draft EDI Standard for Trial Use document represents an ASC X12 approved standard for use prior to approval by ANSI. See ANSI Standard.

EDI

Electronic Data Interchange. The computer application to computer application exchange of business information in a standard format.

Electronic Envelope

Electronic information which binds together a set of transmitted documents being sent from one sender to one receiver.

Element Delimiter

A single-character which follows the segment identifier and separates each data element in a segment except the last.

Functional Group

A group of one or more transaction sets bounded by a functional group header segment and a functional group trailer segment.

Functional Group Segments

GS/GE segments identify a specific functional group of documents such as purchase orders.

Industry Conventions

Defines how the ASC X12 standards are used by the specific industry

Industry Guidelines

Defines the EDI environment for using conventions within an industry. It provides assistance on how to implement X12 standards.

Interchange Control Segments

ISA/IEA segments identify a unique interchange being sent from one sender to one receiver (see electronic envelope).

Interchange Control Structure

The interchange header and trailer segments envelop one or more functional groups or interchange-related control segments and perform the following functions: (1) defines the data element separators and the data segment terminators, (2) identifies the sender and receiver, (3) provides control information for the interchange, and (4) allows for authorization and security information. (X12.5)

Loop

A group of semantically related segments; these segments may be either bounded or unbounded (X12.6). The N1 loop is an example of a loop, which includes segments N1 to PER for name and address information.

Mandatory (M)

A data element/segment requirement designator which indicates the presence of a specified data element is required.

Mapping

The process of identifying the standard data element's relationship to application data elements.

Max Use

Specifies the maximum number of times a segment can be used at the location in a transaction set

Message

Entire data stream including the outer envelope

Optional (O)

A data element/segment requirement designator which indicates the presence of a specified data element/segment is at the option of the sending party which can be based on the mutual agreement of the interchange parties.

Qualifier

A data element which identifies or defines a related element, set of elements, or a segment. The qualifier contains a code taken from a list of approved codes.

Repeating Segment

A segment that may be used more than once at a given location in a transaction set. See Max Use.

Security

System screening which denies access to unauthorized users and protects data from unauthorized uses

Segment

Segments consist of logically related data elements in a defined sequence. A data segment consists of a segment identifier, one or more data elements each preceded by an element separator, and ends with a segment terminator.

Segment Directory

Provides the purpose and format of the segments used in the construction of transaction sets. The directory lists each segment by name, purpose, identifier, the contained data elements in the specified order, and the requirement designator for each data element.

Segment Identifier

A unique identifier for a segment composed of a combination of two or three upper-case letters and digits. The segment identifier occupies the first-character positions of the segment. The segment identifier is not a data element. The segment identifier in EDIFACT is a component data element — part of a composite data element consisting of a segment identifier and an explicit looping designator.

Segment Terminator

A unique character appearing at the end of a segment to indicate the termination of the segment, e.g., N/L.

Syntax

The grammar or rules which define the structure of the EDI standards (i.e., the use of loops, qualifiers, etc.). Syntax rules are published in ANSI X12.6.

Transaction Set

The transaction set unambiguously defines, in the standard syntax, information of business or strategic significance and consists of a transaction set header segment, one or more data segments in a specified order, and a transaction set trailer segment.

Transaction Set ID

An identifier that uniquely identifies the transaction set. This identifier is the first data element of the transaction set header segment.

Translation

The act of accepting documents in other than standard format and translating them to the standard.

Version/Release

Identifies the publication of the standard being used for the generation or the interpretation of data in the X12 standard format. May be found in the Functional Group Header Segment (GS) and in the Interchange Control Header Segment (ISA). See Control Segment.

VICS Committee

Voluntary Interindustry Communications Standards for Electronic Data Interchange

X12

The ANSI committee responsible for the development and maintenance of standards for electronic data interchange (EDI).

X12.5

Interchange Control Structure. This standard provides the interchange envelope of a header and trailer for the electronic interchange through a data transmission, and it provides a structure to acknowledge the receipt and processing of this envelope.

X12.6

Application Control Structure. This standard describes the control segments used to envelop loops of data segments, to envelop transaction sets, and to envelop groups of related transaction sets.

5.2 DoD GLOSSARY

AIS

Automated Information Systems

ASD(P&L)

Assistant Secretary of Defense (Production and Logistics)

DES

Data Encryption Standard

DISA

Defense Information Systems Agency

DLA

Defense Logistics Agency

ISA

Interchange Control Header Identifier

NIST

National Institute of Standards and Technology

NTE

Note Identifier

PLUS

Protection of Logistics Unclassified/Sensitive Systems

UN/EDIFACT

EDIFACT; Electronic Data Interchange for Administration, Commerce, and Transport